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EXPENDITURES FOR TRAVEL

FROM WASHINGTON TO POINTS OUTSIDE
OF THE DISTRICT OF COLUMBIA

PERFORMED BY CERTAIN OFFICERS
AND EMPLOYEES OF THE

DEPARTMENT OF AGRICULTURE

DURING THE FISCAL YEAR

ENDED JUNE 30

1914



DECEMBER 8, 1914.—Referred to the Committee on Expenditures in the
Department of Agriculture and ordered to be printed

WASHINGTON
GOVERNMENT PRINTING OFFICE

1915

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LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
Washington, December 7, 1914.

SIR: As required by the act approved May 22, 1908 (35 Stat. L., 244), I have the honor to transmit herewith a statement showing in detail the travel, from Washington to points outside of the District of Columbia, performed by officers and employees (other than special agents, inspectors, and employees who in the discharge of their regular duties are required to constantly travel) of the Department of Agriculture during the fiscal year 1914.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

D. F. HOUSTON,
Secretary.

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside the District of Columbia during the fiscal year 1914, together with their official titles, destination or destinations of such travel, the business or work on account of which the same was made, and the total expense to the United States charged in each case. (35 Stat. L., p. 244.)

OFFICE OF THE SECRETARY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boyle, Charles W.....	Law clerk.....	New York, N. Y. (Aug. 15, 1913).....	To assist United States attorney in preparing for trial of a case of alleged violation of the meat-inspection law.	\$29.15	Meat inspection, B. A. I., 1914.
Do.....	do.....	St. Louis, Mo. (Mar. 15-19, 1914).....	To assist United States attorney in preparing and defending a suit filed to enjoin the department from refusing to mark sausage "inspected and passed" which contained cereal in amounts prohibited by meat-inspection regulations.	66.45	Do.
Caffey, Francis G.....	Solicitor.....	Chicago, Ill.; Denver, Colo.; Ogden, Salt Lake City, Utah; Albuquerque, N. Mex. (Nov. 1-Dec. 1, 1913).	To obtain necessary information at Chicago, Ill., for preparing regulations for the enforcement of the meat-inspection law.	78.75	Do.
Do.....	do.....	New York, N. Y. (Jan. 28-Feb. 2, 1914).....	To confer with district assistants at Forest Service headquarters at Denver, Ogden, Salt Lake City, and Albuquerque relative to the conduct of legal work for the Forest Service.	271.95	General expenses, Forest Service, 1914 (general administration).
Do.....	do.....	Asheville, N. C. (May 16-22, 1914).....	To confer with customs and other Government officials regarding a revision of the regulations affecting inspection and handling of imported meats.	34.35	Meat inspection, B. A. I., 1914.
Cronin, P. D.....	Law clerk.....	Chicago, Ill.; St. Paul, Minneapolis, Minn. (Oct. 1-14, 1913).	To meet and confer with the various record examiners concerning the examination of titles to lands being acquired under the Weeks forestry law.	59.70	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	do.....	Philadelphia, Pa. (Oct. 18, 1913).....	To confer with United States attorneys and perform other necessary legal work in connection with the enforcement of the food and drugs act.	126.60	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Philadelphia, Pa. (Nov. 11-14, 1913).....	do.....	8.35	Do.
Do.....	do.....	Philadelphia, Pa. (Nov. 17-21, 1913).....	do.....	25.10	Do.
Do.....	do.....	Philadelphia, Pa. (Nov. 24-25, 1913).....	do.....	32.60	Do.
Gates, Otis H.....	do.....	Baltimore, Md. (Mar. 10-12, 1914).....	To assist United States attorney in the prosecution of cases arising under the insecticide act of 1910.	17.60	Do.
Do.....	do.....	Baltimore, Md. (Mar. 24-25, and Apr. 20-22, 1914).	do.....	11.45	Enforcement of the insecticide act, 1914.
Do.....	do.....	Baltimore, Md. (Mar. 24-25, and Apr. 20-22, 1914).	do.....	17.35	Do.

Gwinn, C. A.	do.	New York City (Oct. 12-18, 1913)	To confer with United States attorney and perform other necessary legal work in connection with the enforcement of the food and drugs act.	44.80	Enforcement of the food and drugs act, 1914.
Do.	do.	New York City (Oct. 22-25, 1913)	do.	34.20	Do.
Do.	do.	Kansas City, Mo. (Apr. 28-May 22, 1914)	To assist in the conduct of a hearing in connection with the enforcement of the law regulating the manufacture and sale of viruses, serums, and toxins.	92.80	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Horgan, J. B.	do.	New York, N. Y. (Aug. 11, 1913)	To confer with United States attorney and perform other necessary legal work in connection with the enforcement of the food and drugs act.	17.15	Enforcement of the food and drugs act, 1914.
Houston, D. F.	Secretary of Agriculture.	Detroit, Mich. (Sept. 28-30, 1913)	To address good roads convention.	44.65	Contingent expenses, Department of Agriculture, 1914.
Do.	do.	Manchester, N. H. (Nov. 13-15, 1913)	To deliver an address before the Forty-seventh Annual Session of the National Grange.	35.17	Do.
Jones, W. P.	Law clerk.	Chicago, Ill. (Nov. 16-Dec. 1, 1913)	To secure necessary information for preparing revised regulations for enforcement of the meat inspection law.	123.30	Meat inspection, B. A. I., 1914.
Do.	do.	New York, N. Y. (Jan. 28-31, 1914)	To confer with customs and other Government officials in connection with revision of regulations affecting the inspection and handling of imported meats.	30.15	Do.
Do.	do.	St. Louis, Mo. (Feb. 26-Mar. 2, 1914)	To assist United States attorney in preparing and defending a suit filed to enjoin the department from refusing to mark sausage inspected and passed, which contained cereal in amounts prohibited by meat-inspection regulations.	72.35	Do.
Klein, Martin M.	Agent.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913)	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	240.94	International Dry Land Congress at Tulsa, Okla., 1913-14.
Do.	do.	New York, N. Y. (May 20-31, 1914)	To care for exhibits of the department at the Forest Products Exposition in New York, N. Y.	110.50	Forest products exhibitions at Chicago, Ill., and New York, N. Y.
Lanson-Scribner, F.	Special agent on exhibits.	Denver, Colo.; Amarillo, Tex.; Moccasin, Mont. (July 1-Aug. 8, 1913)	To collect and prepare exhibits for Tulsa Dry Land Congress.	330.69	International Dry Land Congress at Tulsa, Okla., 1913-14.
Do.	do.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913)	To take charge of department's exhibit at the Tulsa Dry Land Congress.	145.90	Do.
Do.	do.	New York, N. Y. (May 20-31, 1914)	To take charge of the department's exhibit at the Forest Products Exposition, New York, N. Y.	58.95	Forest products exhibitions at Chicago, Ill., and New York, N. Y.
McConville, Arthur H.	Law clerk.	Columbia, S. C.; Raleigh, N. C. (July 9-23, 1913).	To obtain copies of State grants in connection with the perfecting of titles to lands being acquired under the Weeks forestry law.	51.30	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	Charleston, Alleghany, W. Va. (Aug. 7-12, 1913).	do.	45.85	Do.

OFFICE OF THE SECRETARY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McConville, Arthur H.	Law clerk.....	Green Springs, W. Va.; Marion, Asheville, N. C.; Seneca, Walhalla, S. C.; Atlanta, Ga.; Chattanooga, Knoxville, Tenn. (Sept. 19-Oct. 3, 1913).	To pass upon titles to lands being acquired under the Weeks forestry law.	\$122.37	Acquisition of lands for protection of watersheds of navigable streams.
Do	do.....	Cincinnati, Columbus, Ohio; Pittsburgh, Pa. (Nov. 9-14, 1913).	To confer with United States attorneys and perform other necessary legal work in connection with the enforcement of the food and drugs act.	62.15	Enforcement of the food and drugs act, 1914.
Do.	do.....	Nashua, Concord, Littleton, Woodsville, N. H.; Wells River, Vt.; Pittsburgh, Pa. (Dec. 26, 1913-Jan. 3, 1914).	To arrange for the payment into court of moneys for certain lands in New Hampshire acquired through condemnation proceedings and to clear up titles to other lands being acquired under the Weeks forestry law.	96.17	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.....	Greensboro, N. C.; Cornelia, Clayton, Ga.; Asheville, N. C.; Bristol, Tenn. (Jan. 27-Feb. 4, 1914).	To arrange for the payment into court of moneys for certain lands in North Carolina acquired through condemnation proceedings and to clear up titles to other lands being acquired under the Weeks forestry law.	79.40	Do.
Do.	do.....	Concord, Littleton, Gorham, N. H. (Apr. 4-10, 1914).	To pay into court money for certain lands in New Hampshire acquired through condemnation proceedings and to clear up titles to other lands being acquired under the Weeks forestry law.	73.55	Do.
Do.	do.....	Richmond, Va. (Apr. 19-21, 1914).	To obtain copies of State grants in connection with the perfecting of titles to lands being acquired under the Weeks forestry law.	18.45	Do.
Do.	do.....	Richmond, Va.; Asheville, N. C. (May 14-22, 1914).	To clear up titles to lands in Virginia being acquired under the Weeks forestry law; to meet and confer with the various record examiners, at Asheville, concerning the examination of titles to lands in the various purchase areas being acquired under the Weeks forestry law.	68.55	Do.
Syfrig, H. W.	Clerk.....	Asheville, N. C. (May 16-22, 1914).	To perform stenographic and clerical work at conference of record examiners relative to title examinations of lands being acquired under the Weeks forestry law.	44.72	Do.
Williams, J. R.	Law clerk.....	Wilson, N. C. (Nov. 4-6, 1913).	To investigate charges preferred against an employee of the Bureau of Animal Industry.	21.90	General expenses, B. A. I., 1914 (administrative expenses).

Williams, R. W.....	do.....	Alexandria, Va. (July 7, 1913).....	To assist United States attorney in prosecuting violations of the Lacey Act, regulating interstate commerce in game.	55	General expenses, Bureau of Biological Survey, 1914 (game preservation).
Do.....	do.....	New York, N. Y.; Jersey City, N. J. (Aug. 6-9, 1913).	To investigate charges preferred against a Weather Bureau employee.	30.27	General expenses, Weather Bureau, 1914 (traveling expenses).
Do.....	do.....	Chicago, Ill. (Aug. 28-Sept. 11, 1913).....	To investigate cause of reported lack of harmony between the department meat inspectors and the officers of an establishment under Federal supervision.	90.19	Meat inspection, B. A. I. 1914.
Do.....	do.....	Frankfort, Lexington, Ky. (Sept. 20-25, 1913).	To assist United States attorney in prosecuting violations of the Lacey Act, regulating interstate commerce in game.	56.30	General expenses, Bureau of Biological Survey, 1914 (game preservation).
Do.....	do.....	Denver, Colo.; Ogden, Salt Lake City, Utah; Albuquerque, N. Mex. (Nov. 1-18, 1913).	To confer with district foresters relative to the conduct of legal work for the Forest Service.	200.05	General expenses, Forest Service, 1914 (general administration).
Do.....	do.....	Norfolk, Va. (May 3-5, 1914).....	To assist United States attorney in prosecuting violations of the Lacey Act, regulating interstate commerce in game.	17.15	General expenses, Bureau of Biological Survey, 1914 (game preservation).
Do.....	do.....	Wilmington, Del. (June 3, 1914).....	To confer with United States attorney in reference to the institution of prosecutions under the Lacey Act, regulating interstate commerce in game.	7.20	Do.
Do.....	do.....	Jackson, Miss. (June 13-25, 1914).....	To confer with chief of field division, General Land Office, as to pending litigation involving lands in national forests, and to arrange for the future handling of land litigation in which the Forest Service is interested.	81.66	General expenses, Forest Service, 1914 (general administration).
Willoughby, Marie F..	Agent.....	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).....	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	179.29	International Dry Land Congress at Tulsa, Okla., 1913-14.

WEATHER BUREAU.

Abbe, C.....	Professor of meteorology.	Charlottesville, Va. (July 17-19, 1913).....	To deliver address before conference of rural teachers.	\$11.85	General expenses, Weather Bureau, 1914 (traveling expenses).
Bowie, E. H.....	District forecaster.	Mount Weather, Va. (July 14-15, 1913).....	To confer with departmental officials as to adaptability of Mount Weather to general use of department.	5.00	Do.
Do.....	do.....	Canton, Oswego, Syracuse, Rochester, Buffalo, N. Y.; Erie, Pa.; Cleveland, Sandusky, Toledo, Ohio; Pittsburgh and Harrisburg, Pa. (Nov. 13-Dec. 6, 1913).	To inspect Weather Bureau stations.....	165.46	Do.
Do.....	do.....	Wilmington, N. C.; Charleston, S. C.; Savannah, Macon, Atlanta, Augusta, Ga.; Columbia, S. C.; Charlotte, N. C. (Jan. 15-Feb. 3, 1914).	.....do.....	146.95	Do.

WEATHER BUREAU—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Covert, R. N.	Clerk, class 1.	Mount Weather, Va. (Sept. 17–Oct. 3, 1913)	To conduct anemometer investigations	\$20.60	General expenses, Weather Bureau, 1914 (traveling expenses).
Do.	Clerk, class 2.	Mount Weather, Va. (Oct. 6–15, 1913)	do.	12.10	Do.
Do.	do.	Mount Weather, Va. (Oct. 20–29, 1913)	do.	12.10	Do.
Frankenfield, H. C.	Professor of meteorology.	Eastport, Greenville, Portland, Me.; Burlington, Northfield, Vt.; Concord, N. H.; Boston, Nantucket, Mass.; Providence, Block Island, Narragansett Pier, R. I.; New Haven, Hartford, Conn. (July 31–Sept. 4, 1913).	To inspect Weather Bureau stations.	242.80	Do.
Do.	do.	Evansville, Ind.; Oklahoma, Okla.; Memphis, Chattanooga, Tenn.; Asheville, N. C.; Anniston, Ala.; Meridian, Vicksburg, Miss.; Mobile, Ala.; Pensacola, Fla.; Thomasville, Ga.; Jacksonville, Miami, Key West, Tampa, Fla. (Feb. 7–Mar. 26, 1914).	do.	430.27	Do.
Do.	do.	Cape Henry, Va.; Mantoo, Hattiesburg, N. C.; Norfolk, Va.; Baltimore, Md. (May 8–22, 1914).	do.	75.80	Do.
Hamrick, A. M.	Clerk, class 1.	Castlemans Ferry, Va (Aug. 1–2, 1913).	To establish a river station.	5.70	Do.
Henry, A. J.	Professor of meteorology.	New Orleans, La. (July 19–25, 1913).	To consult with officials of wireless department of United Fruit Co., relative to the furnishing of meteorological reports.	98.00	Do.
Do.	do.	Pittsburgh, Pa.; Columbus, Dayton, Ohio; Indianapolis, Ind.; Cincinnati, Ohio; Catlettsburg, Maysville, Ky.; Gallipolis, Portsmouth, Ohio; Charleston, Huntington, W. Va.; Ashland, Augusta, Gramp, Russell, Vanceburg, Ky.; Ironton, Manchester, New Richmond, Ripley, Ohio; Point Pleasant, Parkersburg, W. Va. (Oct. 15–Nov. 1, 1913).	To consult with local Weather Bureau officials relative to improving river and flood service and to inspect river substations.	122.21	Do.
Jones, J. H.	Clerk, class 4.	Kendallville, Ind.; Cleveland, Ohio (Apr. 22–28, 1914).	To inspect storm warning and instrument towers under construction for Weather Bureau at Kendallville, and inspect the storm-warning equipment of the Weather Bureau station at Cleveland.	59.90	Do.

Kimball, H. H.	Professor of meteorology.	Mount Weather, Va. (Jan. 25-30, 1914)	To conduct solar radiation investigations	Do.
Do.	Do.	Mount Weather, Va. (Feb. 2-6, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Feb. 9-13, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Feb. 24-27, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Mar. 9-13, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Mar. 16-20, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Mar. 23-27, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Mar. 30-Apr. 3, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (Apr. 13-17, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (May 4-8, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (May 11-15, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (May 18-22, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (June 1-5, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (June 8-12, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (June 22-26, 1914)	do.	2.70
Do.	Do.	Mount Weather, Va. (June 29, 1914)	do.	2.70
Do.	Do.	Pittsburgh, Pa.; Cleveland, Ashabula, Sandusky, Ohio (Jan. 10-18, 1914).	To inspect storm-warning conditions and equipment in the Cleveland (Ohio) district, and the operation of the Weather Bureau river gauge at Pittsburgh, Pa.	1.35
Do.	Do.			68.15
Marvin, C. F.	Professor of meteorology.	Mount Weather, Va. (July 14-15, 1913)	To confer with departmental officials as to adaptability of Mount Weather to the general use of department.	5.00
Moore, T. T.	Chief of division.	Hatteras, Manteo, Nags Head, N. C.; Cape Henry, Norfolk, Va. (July 31-Aug. 19, 1913).	To superintend laying of Weather Bureau cable at Oregon Inlet, N. C., and inspect repair work on Cape Henry-Hatteras sea-coast telegraph line.	61.35
Talman, C. F.	Junior professor of meteorology.	New York, N. Y. (June 21-23, 1914)	To arrange for the disposition of meteorological library at the Central Park observatory.	28.80

BUREAU OF ANIMAL INDUSTRY.

Abel, Joseph.	Clerk.	New York, N. Y. (July 6-30, 1913)	To make photographs showing the conditions in slaughterhouses.	Meat inspection, B. A. I., 1914.
Anthony, George A.	Meat inspector.	Purdellville, Va. (Mar. 11, 1914)	Inspection of meat at establishment No. 817a...	1.65
Ashbrook, F. G.	Junior animal husbandman.	Beltsville, Md. (June 16, 17, 20, 22, 23, 24, 25, 27, 29, 30, 1914).	To conduct investigations in hog feeding and breeding.	Do.
Ayers, S. H.	Senior dairyman.	Colorado Springs, Colo. (Sept. 9-15, 1913)	To attend meetings of the American Public Health Association, Sept. 8-13, inclusive, and to present a paper entitled "The present status of pasteurization."	General expenses, B. A. I., 1914 (animal husbandry).
Do.	Do.	Chicago, Ill. (Oct. 22-30, 1913)	To assist in the students' judging contest at expense of the National Dairy Show, Oct. 23-26; to attend meetings of International Milk Dealers' Association and present a paper on "Bacteria in pasteurized milk," Oct. 27-28.	General expenses, B. A. I., 1914 (dairy industry).
				124.20
				59.73
				Do.
				\$15.65

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ayers, S. H.	Senior dairyman.	Baltimore, Md. (Dec. 10, 1913).	To confer with Hygia, Co. in regard to process of bottling hot pasteurized milk and means of cooling same with hot-air blast.	\$2.90	General expenses, B. A. I., 1914 (dairy industry).
Bell, G. Arthur.	Senior animal husbandman.	Antwerp, Brussels, Belgium; Paris, France; London and Liverpool, England; and The Hague (July 1–Sept. 22, 1913).	To attend the draft-horse show of the Societe le Cheval de Trait Belge, held at Brussels, Belgium, June 6, 7, and 8, as a representative of the department, an invitation having been extended by the Secretary of the Societe le Cheval de Trait Belge, through diplomatic channels, for the department to send a representative; travel in Belgium and other countries to get in personal touch with the authorities registering domestic animals in those countries which are exported to the United States, and to study the prevailing methods of live-stock breeding.	648.99	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	Chicago, Ill. (Nov. 30–Dec. 6, 1913).	To attend the International Live Stock Exposition.	69.78	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	Manassas, Front Royal, Va.; New York, N. Y.; Middlebury, Vt. (Mar. 1–2, 1914).	To inspect the Army horse-breeding work in the first and second horse-breeding districts.	80.20	Do.
Do.	do.	Middlebury, Vt. (Mar. 4–8, 1914).	To attend the Addison County Farmer's Institute.	35.69	Do.
Do.	do.	Beltsville, Md. (May 16–21, 1914).	To inspect the animal husbandry investigations conducted at the department experimental farm, especially the horse-feeding experiments.	3.44	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	Beltsville, Md. (May 26, 1914).	Supervisory inspection of work at department experimental farm.	.26	Do.
Benner, W. G.	Veterinary inspector.	Nearby points in Maryland and Virginia (from July 2, 1913, to June 27, 1914).	To apply the tuberculin test to cattle in dairy herds and to make post-mortem examinations to determine if such cattle as reacted were fit for food purposes.	470.01	General expenses, B. A. I., 1914 (inspection and quarantine).
Birchard, F. J.	Dairy chemist.	Troy, Pa. (July 1–29, 1913).	To cooperate with the Bureau of Standards in the manufacture and industrial application of commercial casein.	29.62	General expenses B. A. I., 1914 (dairy industry).
Do.	do.	Troy, Pa. (Nov. 5–12, 1913).	do.	36.82	Do.
Do.	do.	Troy, Pa. (Dec. 1–4, 1913).	do.	14.81	Do.

Bowen, John T.....	Technologist.....	Troy, Pa., and New York, N. Y. (Aug. 13-29, 1913).....	To install vacuum chambers for drying casein and to consult a refrigerating company relative to a proposed forced-draft system of refrigeration for milk plants, creameries, and dairies.....	26. 41	Do.
Do.....	do.....	Baltimore, Md. (Dec. 10, 1913).....	To confer with a representative of the Hygeia Dairy relative to a proposed system of cooling milk.....	2. 95	Do.
Do.....	do.....	Algona, Iowa (Dec. 22, 1913).....	To assist in installing a refrigeration apparatus in a creamery and to give advice in connection therewith.....	71. 05	Do.
Brookbank, R. E.....	Veterinary inspector..	To near-by points in Maryland and Virginia (July 6, 1913, to June 19, 1914).....	To administer tuberculin to cattle in order to determine if they were affected with tuberculosis.....	142. 66	General expenses, B. A. I., 1914 (inspection and quarantine).
Brosemer, Leo. J.....	Junior animal husbandman in poultry investigations.	Burkeville and Richmond, Va. (Feb. 2-8, 1914).....	To organize boys' and girls' poultry clubs.....	25. 00	Cooperative experiments in animal feeding and breeding, 1914.
Buckley, John S.....	Pathologist.....	Wilmington, Del. (Aug. 27, 1913).....	To investigate an outbreak of forage poisoning of animals.....	6. 20	General expenses, B. A. I., 1914 (inspection and quarantine).
Carr, Ralph J.....	Senior animal husbandman.	Lafayette, Ind.; Lima, Ohio; Detroit and Grand Rapids, Mich. (Aug. 20 to Sept. 23, 1913).....	To supervise hog breeding investigations of the bureau.....	60. 96	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	do.....	Beltsville, Md. (Sept. 25, Oct. 2, 9, 16, 23, 31, Nov. 11, 14, 17, 21, 28, Dec. 3, 12, 19, 23, 24, 26, 31, 1913).....	To supervise the animal nutrition and breeding investigations at department experimental farm.....	16. 49	Do.
Do.....	do.....	Beltsville, Md. (Jan. 14, 21, 29, Feb. 12, 25, 1914).....	do.....	3. 60	Do.
Chase, James L.....	Clerk.....	Kansas City, Mo.; Omaha, Nebr.; Sioux City, Ottumwa, Ames, Iowa; Denver, Colo.; Chicago, Ill.; Albuquerque, N. Mex.; Fort Worth, Tex.; Toledo, Ohio; Detroit, Mich.; Buffalo, Albany, New York, Elmira, N. Y.; Boston, Mass.; Manchester, N. H.; Burlington, Vt.; Philadelphia, Pa. (July 1 to Nov. 26, 1913).....	To inspect field stations and examine records and accounting systems.....	833. 80	Meat inspection, B. A. I., 1914.
Do.....	do.....	(Richmond, Norfolk, Va.; Hamlet, N. C.; Birmingham, Ala.; Jackson, Miss.; New Orleans, La.; Buffalo, N. Y.; Cleveland, Ohio; Adel, Iowa; Milwaukee, Wis.; Chicago, Ill.; Fort Wayne, Ind.; Port Huron, Mich.; Houston, San Antonio, Fort Worth, Tex.; Little Rock, Ark.; St. Louis, Kansas City, Mo.; Wichita, Kans.; Denver, Colo.; Omaha, Nebr.; Des Moines, Iowa; St. Paul, Minn. (Jan. 18, 1914. At Pittsburgh, Pa., June 30, 1914.)	do.....	449. 13 565. 91	General expenses, B. A. I., 1914 (eradicating cattle ticks).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Clement, C. E.	Dairyman	Baltimore, Md. (Sept. 16-27, 1913)	To study the economics of milk distribution at Baltimore, Md., and near-by points and to make an economic survey of about 10 dairies.	\$30.16	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.	Philadelphia, Pa. (Jan. 11-24, 1914)	To study economics of milk distribution	55.90	Do.
Do.	do.	Boston, Mass. (Oct. 22 to Nov. 16, 1913)	To study the economics of the milk distribution of Boston, Mass., and to make economic survey of 35 city milk plants.	93.75	Do.
Do.	do.	Pittsburgh, Pa. (Mar. 4-13, 1914)	To make economic study of the milk distribution of that city.	51.93	Do.
Cleveland, C. C.	Junior animal husbandman.	Brookhaven, Miss.; New Orleans, La. (Mar. 19-31, 1914).	To attend Union Live Stock Club of Moselle, Miss., and to cooperate with the agent of the Dairy Division in Lincoln County in encouraging the farmers to market their eggs through the creamery.	59.63	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	Winchester, Va. (Apr. 23-25, 1914)	To assist in a campaign to promote community breeding of poultry.	9.35	General expenses, B. A. I., 1914 (animal husbandry).
Cohran, J. R.	Clerk.	Cincinnati, Ohio; Indianapolis, Ind.; Chicago, Ill.; Cleveland, Ohio; Buffalo, and New York, N. Y. (Dec. 20, 1913; Jan. 1, 1914)	To investigate assignment of clerks, the handling of reports, and the maintenance of supplies.	111.10	Meat inspection, B. A. I., 1914.
Cook, L. B.	Dairyman	Ithaca, Rochester, Buffalo, and Dunkirk, N. Y. (July 16-29, 1913).	To inspect certified milk dairies and farms.	95.31	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.	Annapolis, Md. (Sept. 11, 1913)	To inspect the Naval Academy dairy and make plates showing bacteria of the milk.	1.55	Do.
Do.	do.	New Orleans, La Fayette, and Shreveport, La.; Houston, Austin, San Antonio, Dallas, and Galveston, Tex. (Sept. 29-Oct. 14, 1913).	To assist local authorities and dairymen and to give illustrated lectures on "The production and care of clean milk."	146.69	Do.
Do.	do.	Elizabeth, N. J., and Baltimore, Md. (Nov. 13-22, 1913).	To assist the new milk inspector at Elizabeth, N. J., in the use of score cards for farm and city milk plants. To judge milk at Baltimore for Maryland State Dairymen's Association.	25.80	Do.
Do.	do.	Annapolis, Md. (Dec. 29, 1913)	To inspect the Naval Academy dairy and make plates showing bacteria of the milk.	1.55	Do.
Do.	do.	York, Pa. (Jan. 14-17, 1914)	To judge the milk in the contest held by the Pennsylvania Dairy Union.	20.27	Do.
Do.	do.	Annapolis, Md. (Jan. 27-Feb. 7-9, 1914)	To inspect the Naval Academy dairy and make bacteria plates of the milk.	4.70	Do.

Do.....	do.....	Grand Rapids, Mich. (Feb. 10-15, 1914).....	To score the milk and cream for a contest by the Michigan State Dairymen's Association; also to give a lecture at the State dairymen's and consumers' meeting.	59.96	Do.
Do.....	do.....	Annapolis, Md. (Feb. 18, 1914).....	To score the Naval Academy dairy and make bacteria plates.	1.50	Do.
Do.....	do.....	Newark, N. J. (Mar. 6, 1914).....	To work with the city inspector in the use of the score card for scoring dairy farms.	24.50	Do.
Do.....	do.....	Annapolis, Md. (Mar. 17, 1914).....	To inspect the Academy dairy and make bacteria plates of the milk.	1.50	Do.
Do.....	do.....	Chicago, Huntley, Elgin, and Decatur, Ill. (Mar. 23-Apr. 1, 1914).....	To work with the State dairy and food inspectors for the purpose of showing them the score-card system of dairy inspection.	85.26	Do.
Do.....	do.....	Annapolis, Md. (Apr. 23 and May 21, 1914).....	To inspect dairy at Naval Academy.....	4.50	Do.
Do.....	do.....	Buffalo, N. Y., Grand Rapids, Mich. (May 29-June 17, 1914).....	To inspect 25 farms on which the cost of milk is being ascertained and to take charge of a milk contest held at Rochester.	102.42	Do.
Cornellason, Thomas.....	do.....	Nashville, Memphis, Tenn.; Houston, Temple, Tex.; and New Orleans, La. (Dec. 1-26, 1913).....	To confer with bureau employees engaged in dairy manufacturing investigations and to inspect the work.	227.28	Do.
Do.....	do.....	Madison, Wis., Grand Rapids, Mich. (Jan. 30-Feb. 7, 1914).....	To score the butter exhibit at the Grand Rapids Dairymen's Association and the convention of Wisconsin Buttermakers' Association; to give an address; to investigate the creamery conditions.	62.82	Do.
Do.....	do.....	Sayre, East Smithfield, Pa. (May 10-13, 1914).....	To determine the quality of the butter packed for the Navy Department under special contract and to arrange for the inspection of same.	26.56	Do.
Do.....	do.....	Eatonton, Ga. (May 14-20, 1914).....	To investigate the condition of the Eatonton Cooperative Creamery and to suggest improvements in its equipment and to give instructions in creamery management.	57.47	Do.
Do.....	do.....	Burkeville, Va. (June 22-24, 1914).....	To investigate the condition of a cheese factory organization and advise the parties interested.	19.70	Do.
Cross, C. H.....	Clerk.....	Beltsville, Md. (May 21, 1914).....	To check up the accounts of the department experimental farm and to trace a shipment of oats, October, 1912.	.57	General expenses, B. A. I., 1914 (animal husbandry).
Curtice, Cooper.....	Veterinary inspector.....	Danville, Va.; Harpers Ferry, W. Va.; Sheepsburg, Md.; Washington, D. C. (June 1-27, 1914).....	To search for a location for future experiments with stomach worms of sheep.	95.36	General expenses, B. A. I., 1914 (diseases of animals).
Dahlberg, Arnold O.....	Dairyman.....	Mifflin, Lewistown Junction, Tyrone, Bedford, Pa. (June 1-27, 1914).....	To look for a possible location for an experimental creamery.	144.37	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Philadelphia, Pa.; New York, Elmira, Binghamton, Delhi, N. Y. (Dec. 11, 1913-Feb. 8, 1914).....	To confer with certain creamery managers and to carry out investigations in the manufacture of casein from buttermilk.	66.57	Do.
Ditewig, George.....	Veterinary inspector.....	Rochester, Buffalo, Canandaigua, N. Y. (Oct. 11-16, 1913).....	To address the annual convention of the Humane Association, Rochester, N. Y., and to investigate work carried on by the meat-inspection force at Buffalo and Canandaigua in order to determine if the regulations are being enforced.	66.21	Meat inspection, B. A. I., 1914.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Ditewig, George.....	Veterinary inspector..	Chicago, Ill. (Nov. 16-30, 1913).....	To assist in the revision of the meat-inspection regulations and to improve the meat-inspection service.	\$91. 60	Meat inspector B. A. I., 1914.
Do.....	do.....	Chicago, Ill.; New York, N. Y. (Dec. 1-5, 1913).	To deliver an address at meeting of the National Civic Federation in New York, N. Y., on the need of State and municipal inspection to supplement Federal meat inspection.	48. 45	Do.
Do.....	do.....	Chicago, Ill. (Apr. 19-27, 1914).....	Investigations in regard to ante and post mortem work.	72. 23	Do.
Do.....	do.....	Kansas City, Mo.; Davenport, Iowa; Chicago, Ill. (June 6-17, 1914).	Investigations in connection with the meat-inspection service.	73. 48	Do.
Doane, C. F.....	Dairymen.....	Troy, Williamport, Pa. (July 29-Aug. 10, 1913).	To conduct investigations in canning cheese....	40. 02	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Broadhead, Monroe, Wis.; Chicago, Ill. (Feb. 8-15, 1914).	To deliver an address on Swiss cheese making before the Southern Wisconsin Cheesemakers' and Dairymen's Association and to consult cheese dealers at Chicago, Ill., and Broadhead, Wis.	66. 02	Do.
Do.....	do.....	Raleigh, Jefferson, Winston-Salem, Greensboro, N. C. (May 10-19, 1914).	To investigate the possibility of making cheese in the mountains of North Carolina.	52. 08	Do.
Dorset, Marion.....	(Chief, Biochemie Division.)	(Crawfordsville, Indianapolis, Ind.; Sedalia, Kansas City, Mo.; Lincoln, Nebr.; Chicago, Ill.; Ames, Des Moines, Iowa) (Sept. 27-Oct. 11, 1913).	To supervise the demonstration of methods of preventing hog cholera and to inspect establishments engaged in the preparation of viruses, serums, and toxins.	53. 53	General expenses, B. A. I., 1914, demonstrating method of preventing and eradicating hog cholera.
Do.....	do.....	Chicago, Ill. (Nov. 29-Dec. 6, 1913).....	To attend the meeting of the United States Live Stock Sanitary Association at Chicago, Ill.	65. 41	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.....	do.....	Chicago, Ill.; Indianapolis, Ind. (Feb. 25-Mar. 6, 1914).	To confer with bureau employees in regard to hog cholera.	75. 20	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.....	do.....	Kansas City, St. Louis, Mo. (June 2-14, 1914).	To attend the Missouri Veterinary Association and to present a paper, also to make inspection of the plants which prepare hog-cholera serum for interstate shipment.	52. 10	General expenses, B. A. I., 1914, demonstrating method of preventing and eradicating hog cholera.
Do.....	do.....			94. 00	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).

Do.....	{ Ames, Iowa, and Kansas City, Mo. (June 2-14, 1914).	{ To observe the progress of the work in connection with the control of viruses, serums, and toxins; also to attend a meeting of inspectors at Kansas City, Mo.	52.60	Meat inspection, B. A. I., 1914.
Downing, James E.....	New Orleans, Baton Rouge, La Fayette, La.; Montgomery, Birmingham, Ala. (Sept. 10-30, 1913).	To investigate the feeding and breeding work in connection with the boys' pig clubs in Louisiana and Alabama.	26.43	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Dyer, Don C.....	Troy, Pa. (Aug. 1-Nov. 30, 1913).	To investigate the dairy work of this bureau at Troy, Pa.	159.21	Cooperative experiments in animal feeding and breed ing, 1914.
Eckhorn, Adolph.....	Lexington, Ky.; Pittsburgh, Pa.; Indianapolis, Ind.; Columbus, Ohio (July 27-Aug. 7, 1913).	To inspect commercial establishments engaged in preparing biological products for use in the treatment and prevention of animal diseases.	40.00	General expenses, B. A. I., 1914 (dairy industry).
Do.....	{ Louisville, Ky.; St. Louis, Mo., Indianapolis, Ind., Columbus, Ohio, and New York, N. Y. (Aug. 31-Sept. 6, 1913).	do.....	66.92	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.....	Louisville, Lexington, Ky., Franklin, Ind., Chicago, Ill., Nashville, Tenn., and New York, N. Y. (Sept. 24-Oct. 17, 1913).	To inspect various biological laboratories in accordance with the law governing the control of viruses, serums, and toxins.	137.27	Do.
Do.....	New York, N. Y., Athens, N. J. (Nov. 8-9, 1913).	To investigate an alleged case of foot and mouth disease in an importation of animals now in quarantine station.	36.98	General expenses, B. A. I., 1914 (diseases of animals).
Do.....	Columbus, Ohio (Dec. 5-8, 1913).	To inspect biological establishments preparing viruses, serums, toxins, etc., intended for the treatment of domestic animals.	156.39	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.....	Pittsburgh, Harrisburg, Pa., Chicago, Ill.; St. Paul, Minn., and Columbus, Ohio (Jan. 1-10, 1914).	do.....	17.20	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.....	Chicago, Ill. (Apr. 18-24, 1914).	To examine hogs affected with cholera.....	39.65	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Ellenberger, W. P.....	Memphis, Tenn. (Dec. 9-13, 1913).	To attend a meeting of the Southern Cattle-men's Association at Memphis, in the interest of tick eradication.	112.29	Do.
Do.....	Norfolk, Newport News, Va.; Camden, Snowden, N. C. (Jan. 6-13, 1914).	To inspect work done by bureau forces in eradicating cattle ticks in order to determine the efficiency of methods employed.	72.70	Meat inspection, B. A. I., 1914.
Do.....	Jackson, Miss. (Feb. 7-18, 1914).	To attend a conference of bureau employees at Jackson, Miss., to discuss methods of breeding cattle and the pasturing and feeding of animals in connection with the eradication of cattle ticks.	69.10	General expenses, B. A. I., 1914 (eradicating cattle ticks).
Faloon, William A.....	Alexandria, Va. (Oct. 1, 1913-Apr. 30, 1914).	To perform duties as meat inspector at Alexandria, Va.	23.40	Do.
Forbes, Will.....	Columbus, Gallipolis, Ohio; St. Louis, Mo.; Lincoln, Nebr. (July 30-Aug. 31, 1913).	To supervise testing association work in Ohio, Missouri, and Nebraska, and to attend a number of meetings where the value of testing association work was explained.	82.87	Do.
Do.....	Lincoln, Nebr.; St. Paul, Minn. (Sept. 1-15, 1913).	To attend the Cow Testing Association in Nebraska and Minnesota and to inspect testers' books, also to assist in organizing several associations.	28.60	Meat inspection, B. A. I., 1914.
			193.10	General expenses, B. A. I., 1914 (dairy industry).
			88.29	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Forbes, Will.....	Dairyman.....	Chicago, Ill.; Independence, Mo.; Ravenna, Columbus, Salem, Ohio; Ames, Central City, Waterloo, Iowa; Rosedale, Wis. (Oct. 4-Dec. 14, 1913).	To attend meetings of cow-testing associations and aid in organizing new associations; to confer with authorities in association work and supervise cow-testing work in progress in Indiana, Illinois, Ohio, Iowa, Missouri, Kentucky, and Nebraska.	\$337.52	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Chicago, Ill.; Gary, Lafayette, Ind.; Columbus, Ohio; Waterloo, Iowa; Lincoln, Neb.; Lexington, Ky. (Jan. 3-Mar. 7, 1914).	To attend meetings of cow-testing associations and aid in organizing new associations.	416.73	Do.
Do.....	do.....	Barnesville, Ohio; Albert Lea, St. Paul, Austin, Minn., Menominee, Wis.; Deadwood, S. Dak.; Chicago, Ill.; Grand Rapids, Freemont, Mich. (Mar. 17-Apr. 24, 1914).	To attend meetings of cow-testing associations and aid in organizing new associations; to confer with authorities in association work and to supervise cow-testing work in progress in Ohio, Minnesota, Michigan, Illinois, Wisconsin, and South Dakota.	280.89	Do.
Do.....	do.....	Chicago, Ill.; Albert Lea, Lakefield, Minn. (May 10-19, 1914).	To inspect progress of bureau work at Chicago and to organize cow-testing associations at other points in order to obtain better dairy herds.	58.69	Do.
Do.....	do.....	Omaha, Lincoln, Nebr.; Waukesha, Fort Atkinson, Wis. (June 13-26, 1914).	To organize cow-testing associations in order to obtain better dairy herds.	82.84	Do.
Fravel, F. P.....	Clerk.....	Birmingham, Ala. (Mar. 8-12, 1914).....	To appear before the grand jury in quarantine cases to show that transportation companies had been notified of quarantine according to law.	57.40	General expenses, B. A. I., 1914 (eradicating cattle ticks).
Gallagher, Frances L.....	Veterinary inspector.....	To near-by points in Maryland and Virginia (July 1 1913-June 26, 1914).	Cooperative tuberculosis investigations.....	391.67	General expenses, B. A. I., 1914 (inspection and quarantine).
Goodman, A. M.....	Junior Dairyman.....	Canton, Williamsport, and Philadelphia, Pa. (July 3-27, 1913).	To assist in organizing cow-testing associations.	48.80	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Mitchells, Va., Sayre, Smithfield, and Athens, Pa. (Aug. 23-31, 1913).	To deliver lectures on cow-testing association work; to start cow-testing association active operation and to collect data showing how much milk and fat was delivered to creameries last year by members of associations.	26.49	Do.
Do.....	do.....	Sayre and Athens, Pa. (Sept. 1-6, 1913).....	To obtain data from creameries relative to milk and cream received.	23.46	Do.

Do.	Chicago, Ill. (Oct. 22-31, 1913)	58.31	Do.	To attend National Dairy Show at Chicago, assist in students' judging contest, and address visitors at United States demonstration herd.	58.31
Do.	Newark, Del.; Norwich and Waterbury, Conn.; Burlington, Vt.; Northfield, Boston, Mass.; Portland, Lewiston, Me.; Fabyan, N. H.; Ithaca, Elmira, N. Y.; Athens, Sayre, Pa. (Nov. 7, 1913-Jan. 26, 1914).	378.28	Do.	To confer with State dairy instructors, and to collect data in regard to cow-testing associations; to assist in organizing cow-testing societies, assist in checking up cattle tests and confer with State officials in regard to dairy work, also to deliver lectures, etc.	378.28
Do.	Allentown, Troy, Philadelphia, Norristown, Pa.; Littleton, N. H.; Burlington, Rutland, Vt.; Albany, Syracuse, N. Y. (Feb. 1-May 28, 1914).	574.50	Do.	To investigate dairy work at dairy farms and to attend farmers' meetings in the interest of cow-testing associations in Pennsylvania, Vermont, New York, and New Hampshire.	574.50
Hall, Maurice C.	Assistant zoologist.	472.31	General expenses, B. A. I., 1914 (diseases of animals).	To make post-mortem examinations in experimental sheep at Colorado Springs and to conduct investigations of parasites (fringed tapeworm) in sheep at other points.	472.31
Do.	Claremont, Richmond, and Sandy Point, Va. (Mar. 18-20, 1914).	16.85	Do.	To investigate a reported outbreak at Richmond, Va., and at other points in the State.	16.85
Do.	Gordonsville, Md. (June 1 and 8, 1914).	8.25	Do.	To conduct investigations regarding parasites in sheep.	8.25
Do.	Baltimore, Md. (June 1 and 8, 1914).	2.50	Do.	To appear as a witness in connection with the enforcement of the insecticide act of 1910.	2.50
Do.	Columbus and Cincinnati, Ohio, and Indianapolis, Ind. (June 17-23, 1914).	71.55	Enforcement of the insecticide act, 1914.	To assist with the exhibits of the boys' and girls' poultry clubs of Virginia and South Carolina in cooperation with the farmers' cooperative demonstration work, give advice in poultry matters, and make photographs.	71.55
Hare, Frank C.	Junior animal husbandman.	22.68	General expenses, B. A. I., 1914 (animal husbandry).	To assist in assorting the young standard-bred poultry, bred at the department experimental farm.	22.68
Do.	Beltsville, Md. (Sept. 20, 1913)	1.14	Do.	To attend the fair at Winchester and to give illustrated talk on poultry for boys' and girls' poultry clubs.	1.14
Do.	Winchester, Va. (Sept. 23-29, 1913)	14.85	Do.	To assist with exhibits of boys' and girls' poultry clubs of Virginia in cooperation with farmers' demonstration work of Bureau of Plant Industry at Richmond State Fair and South Side Fair at Petersburg, Va.; also to attend fair at Union, S. C.	14.85
Do.	Richmond, Petersburg, Va.; Union, S. C. (Oct. 9-25, 1913).	103.45	Do.		103.45

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hare, Frank C.....	Junior animal husbandry.	Beltsville, Md.; Harpers Ferry, W. Va.; Berryville, Va. (Nov. 6-9, 1913).	To give an illustrated talk on poultry at the meeting of the Berryville Poultry Association and to assist in selecting cockerels and pullets for breeding purposes at the department experimental farm.	\$9.00	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	do.....	Chester, Union, Lockport, Greenville, S. C. (Dec. 29, 1913-Jan. 31, 1914).	To show Government poultry work by moving pictures in order to introduce better methods of poultry breeding in South Carolina and to organize poultry clubs.	102.18	Do.
Heller, L. L.....	do.....	Beltsville, Md. (July 7-21, 28-Aug. 4, 14, 15, 1913).	To conduct sheep and goat investigations at the department experimental farm for the production of a suitable domestic animal.	1.35	Do.
Do.....	do.....	Middlebury, Vt.; Carlisle, Pa.; Columbus, Ohio; Hartford, Conn.; New York, N. Y. (Aug. 17-Sept. 5, 1913).	To conduct sheep and goat investigations for the production of a suitable domestic animal.	117.97	Do.
Do.....	do.....	Beltsville, Md. (Sept. 18, 1913).....	To conduct sheep and goat investigations at the department experimental farm at Beltsville, to note results in production of wool.	.52	Do.
Do.....	do.....	Chicago, Ill.; Boston, Lowell, and Lawrence, Mass.; New York, N. Y. (Nov. 30, 1913-Mar. 23, 1914).	To study the market classes and grades of wool, the production of wool on farms and ranches, supervise the field work of the bureau in wool and sheep production, and to confer with bureau employees.	462.47	Cooperative experiments in animal feeding and breeding, 1914.
Do.....	do.....	Boston and Lowell, Mass.; Laramie and Cheyenne, Wyo. (Apr. 5-29, 1914).	To prepare the samples of various grades and classes of wool; also to inspect the Government flock at Laramie, Wyo.	160.26	Do.
Do.....	do.....	Beltsville, Md. (Apr. 30, 1914).....	Experimental work at department experimental farm at Beltsville to note results in production of wool.	.26	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	do.....	Laramie, Wyo.; Salt Lake City, Utah; Shoshone, Idaho; Chicago, Ill.; Boston, Mass. (May 1-22, 1914).	To study market classes and grades of wool, simplify the field work in wool and sheep production, and inspect cooperative work.	229.88	Cooperative experiments in animal feeding and breeding, 1914.
Do.....	do.....	Beltsville, Md. (June 8, 1914).....	To supervise work at the department experimental farm at Beltsville, Md.	.57	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	do.....	Chicago, Ill.; Laramie, Wyo.; and Billings, Mont. (June 9-30, 1914).	To supervise the shearing of the Government flock at Laramie, Wyo., and in connection with the study of market classes and grades of wool, the production of wool on farms and ranches.	241.60	Cooperative experiments in animal feeding and breeding, 1914.

Hickman, R. W.	Chief Quarantine Division.	Baltimore and Turner, Md. (Oct. 17, 1913).	To make investigation in connection with the animal quarantine station for the port of Baltimore located at Turner, Md.	3.35	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.	do.	New York, N. Y.; Athens, N. J. (Nov. 14-16, 1913).	To investigate diseases of animals at the animal quarantine station, Athens, N. J.	19.69	Do.
Do.	do.	Chicago, Ill. (Nov. 30-Dec. 6, 1913).	To attend annual meeting of the American Live Stock Sanitary Association at Chicago, Ill.	66.70	Do.
Do.	do.	Baltimore, Turner, Md. (Jan. 19, 1914).	To make investigations in connection with the animal quarantine station at Turner, Md.	2.70	Do.
Do.	do.	New York, N. Y.; Athens, N. J. (Mar. 31-Apr. 2, 1914).	In connection with the work of the animal quarantine station at Athens and the importation and exportation of live stock at the port of New York.	17.01	Do.
Houck, U. G.	Veterinary inspector.	Chicago, Ill.; Crawfordsville, Indianapolis, Ind.; Columbus, Ohio (May 7-21, 1914).	To attend a meeting of the State Leaders in agricultural work at Chicago, Ill., and investigate educational and demonstrational phases of hog-cholera eradication.	92.04	Investigation of hog cholera and dourine (hog cholera, 1914).
Hugins, F. A.	do.	Kansas City, Mo. (Apr. 1-May 31, 1914).	To inspect establishments which manufacture viruses, serums, and toxins and analogous products used in the treatment of domestic animals.	292.30	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Jessee, Walter B.	Junior animal husbandman.	To Beltsville, Md., and return, from July 1, 1913, to Feb. 26, 1914.	In connection with hog investigations carried on at the department experimental farm at Beltsville, Md., and to supervise the feeding, secure weights, and note daily average.	44.61	General expenses, B. A. I., 1914 (animal husbandry).
Keithley, J. R.	do.	Knoxville, Chattanooga, Nashville, Jackson, Maryville, Tenn.; Lexington, Ky. (July 15-Aug. 14, 1913).	To assist in organizing farm schools—to demonstrate methods of producing butter on the farm.	196.01	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.	Knoxville, Jackson, Nashville, Lebanon, Portland, Memphis, Columbia, Tenn.; Worthville, Louisville, Owensboro, Henderson, Ky. (Sept. 30-Dec. 14, 1913).	do.	336.35	Do.
Do.	Junior dairyman.	Nashville, Gallatin, Tenn.; Lexington, Ky. (Jan. 3-31, 1914).	To score dairy products and give a talk at Lexington (Ky.) Farmers' Fair, also conduct farm butter investigations and demonstrations in Tennessee.	68.50	Do.
Kelly, Ernest.	Dairyman.	York, Lancaster, Pa. (July 9-10, 1913).	To attend a milk show and baby-saving exhibit and deliver address on value of clean milk.	12.15	Do.
Do.	do.	Buffalo, N. Y. (Aug. 25-28, 1913).	To attend international congress of school hygiene at Buffalo, N. Y., and to read a paper on "Instruction in the school concerning sanitary milk."	29.48	Do.
Do.	do.	Rochester, N. Y.; Detroit, Lansing, Mich.; Toledo, Ohio (Sept. 12-24, 1913).	To confer with officials at Lansing and Detroit, Mich., relative to the cost of milk products and dairy sanitation.	77.31	Do.
Do.	do.	Charleston, S. C. (Nov. 3-5, 1913).	To attend the pure food exhibit at Charleston and to deliver an illustrated lecture.	38.65	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required constantly to travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Kelly, Ernest.....	Dairyman.....	Beltsville, Md.; York, Pa.; Boston, Mass. (Jan. 20-29, 1914).	To attend meetings of the Pennsylvania Dairy Union and give educational lecture on milk production and distribution; to attend meeting of the Veterinary Association at Boston and give an illustrated talk on certified milk; to make a sanitary inspection at Beltsville, Md.	\$44.57	General expense, B. A. I., 1914 (dairy industry).
Do.....	do.....	Concord, N. H.; Worcester, Mass.; New York, N. Y.; Springfield, Ill. (Feb. 10-27, 1914).	To attend the Granite State Dairyman's Association at Concord, N. H., and give a lecture on "Food value of milk," also score milk and cream; to numerous places in Illinois to instruct inspectors of the State dairy and food department and assist in their educational work.	125.74	Do.
Do.....	do.....	Boston, Amherst, Mass. (Mar. 11-14, 1914).	To attend farmers' institute held by State board of agriculture at Providence, R. I., and give a talk on care of milk at Amherst, Mass.; scored 117 samples of milk and cream contest.	39.07	Do.
Do.....	do.....	Chicago, Ill.; Rochester and Ithaca, N. Y.; Worcester, Mass. (June 10-30, 1914).	To attend meeting of Federation of Women's Clubs at Chicago and give a talk on "Dairy sanitation," also to attend American Association of Medical Milk Commissioners, Ithaca, N. Y., and Milk Inspectors' Association at Worcester, Mass.	121.77	Do.
Kerr, Robert H.....	Biochemist.....	Buffalo, N. Y. (Mar. 17-19, 1914).....	To investigate the preparation of a meat-food product where composition is suspected of being improperly stated on the label.	26.49	Meat inspection, B. A. I., 1914.
King, Samuel A..... Ladson, Thomas A.....	Meat inspector..... Veterinary inspector.....	Leesburg, Va. (Apr. 4, 1914)..... To near-by points in Maryland and Virginia (Mar. 30-June 27, 1914).	To inspect meat at a Federal establishment.... To administer tuberculin test to dairy animals in order to determine which should be slaughtered.	1.30 87.28	Do. General expenses, B. A. I., 1914 (inspection and quarantine).
Lamon, Harry M.....	Senior animal husbandman.....	Beltsville, Md. (July 1, 2, 3, 8, 9, 11, 12, 14, 1913). Atlantic City, N. J.; Philadelphia, Pa.; Auburn, N. Y.; Achenison, Kans.; Denver, Colo.; Phoenix, Ariz.; Dallas, Tex. (Aug. 11-Sept. 22, 1913).	To conduct poultry investigations at department experimental farm at Beltsville, Md. To confer with pure-food commissioners regarding market eggs; to secure data on market poultry and to confer with ostrion breeders on the subject of production.	1.59 445.06	General expenses, B. A. I., 1914 (animal husbandry). Do.

Do.....	Beltsville, Md.: Richmond, Va. (Oct. 6-10, 13, 20, 28, 1913)	.....do.....	To oversee the poultry work at the department experimental farm at Beltsville, Md.: to confer with the State agent in charge of boys' corn clubs, and State agent in charge of girls' corn clubs, and State agent in charge of girls' canning and poultry clubs at Richmond, Va., and to confer with bureau employees regarding poultry work for the coming year.	21.60	Do.
Do.....	Beltsville, Md. (Nov. 7, 12, 18, 20, 25, 29, Dec. 2, 10, 1913)	.....do.....	To supervise poultry work at department experimental farm.	1.12	Do.
Do.....	New York, N. Y. (Dec. 7-12, 1913)	.....do.....	To attend New York poultry and pigeon exhibition.	35.35	Do.
Do.....	New York, N. Y.; Kingston, R. I. (Dec. 28-31, 1913)	.....do.....	To study the ostrich-feather market at New York, and to supervise ostrich and poultry investigations being conducted by the bureau at Kingston.	51.15	General expenses, B. A. I., 1914 (feeding and breeding ostriches).
Do.....	Lexington, Ky.; Nashville, Tenn.; Atlanta, Ga.; Greenville, S. C.; Raleigh, N. C.; St. Albans, Vt.; Kingston, R. I. (Jan. 8-23, 1914)	.....do.....	To visit points in Kentucky, North Carolina, South Carolina, Georgia, and Tennessee in connection with the organization of boys' and girls' poultry clubs; travel in Vermont in connection with poultry investigations of the department, and attend the following meetings: Farmers' meeting, Lexington, Ky.; poultry show of Vermont State Poultry Association; market egg and poultry and egg standard committee of the American Poultry Association at Boston, Mass.	129.83	General expenses, B. A. I., 1914 (animal husbandry)
Do.....	Beltsville, Md.; Reading, Philadelphia, Pa.; New York, Mount Kisco, New Rochelle, N. Y. (Mar. 6, 13, 17, and 20-28, 1914)	.....do.....	To attend farmers' institute meeting at Reading, Pa., and give address; also several addresses in New York State in regard to the organization of boys' and girls' poultry clubs.	59.82	Do.
Do.....	Louisville, Ky. (Apr. 5-11, 1914)	.....do.....	To attend cooperative conference between Southern Business Men's Industrial Association and field employees of the department.	67.59	Do.
Do.....	New Orleans, La.; Phoenix, Ariz.; Los Angeles, San Francisco, Cal.; Corvallis, Oreg.; Colfax, Wash.; Topoka, Kans.; Oadys, Idaho (Apr. 19-May 23, 1914)	.....do.....	To study the problems of brooding, incubation, and feeding on the ostrich farms of the Pacific coast and to study poultry conditions.	460.36	General expenses, B. A. I., 1914 (feeding and breeding ostriches).
Lee, A. R.....	Beltsville, Md. (July 2, 1913-June 24, 1914)	Junior animal husbandman.	To supervise experimental work in feeding and breeding poultry and in preserving eggs conducted at the department experimental farm at Beltsville, Md.	61.93	General expenses, B. A. I., 1914 (animal husbandry).
Lindburg, O. E.....	Nearby points in Maryland and Virginia (July 1, 1913-Mar. 23, 1914)	Veterinary inspector	To apply tuberculin test of cattle and conduct post-mortem work.	306.07	General expenses, B. A. I., 1914 (inspection and quarantine).
Little, William P.....	Beltsville, Md. (July 1, 1913-Jan. 28, 1914)	Junior animal husbandman.	Feeding and breeding work at the department experimental farm at Beltsville.	11.07	General expenses, B. A. I., 1914 (animal husbandry).
Liverance, W. B.....	Oakland, Md.; Chattanooga, Tenn.; Lynchburg, Va. (July 8-15, 1913)	Dairyman.	To assist in the organization of cooperative creameries.	71.37	General expenses, B. A. I., 1914 (dairy industry).
Do.....	Oakland, Cumberland, Md.; Fredericksburg, Va. (Aug. 12-20, 1913)	.....do.....	To address a creamery meeting, and to assist in the organization of cooperative creameries.	17.47	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Liverance, W. B.	Dairyman	Basic, Waynesboro, Va.; Oakland Md.; Harrisburg, Pa. (Sept. 11-12; 22-24; 24-26, 1913).	To confer with directors of the Waynesboro Cooperative Creamery in getting out plans for enlarging creamery, and to arrange for cooperative educational work with Hershey Creamery Co.	\$36.73	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Oakland, Cumberland, Md.; Winchester, Staunton, Va. (Dec. 2-6; 18-19; 24-30, 1913).	To inspect Garrett County creamery, also to assist in placing machinery in a creamery at Linville, Va., and to assist in organizing cooperative creameries in Virginia and Maryland.	58.66	Do.
Do.....	do.....	Basic, Waynesboro, Va. (Jan. 29-31, 1914).	To inspect Waynesboro Cooperative Creamery and to attend a farmers' meeting and give a talk on "Cooperative creamery work."	13.19	Do.
Do.....	do.....	Richmond, Lynchburg, Charlottesville, Va. (Feb. 11-18, 1914).	To score milk and cream at State milk and cream contest, and to score butter at dairymen's convention.	44.75	Do.
Do.....	do.....	Oakland, Md.; Berryville, Waynesville, Marion, Roanoke, Va. (Mar. 10-26, 1914).	To assist in organizing creameries.....	97.72	Do.
Do.....	do.....	Oakland, Md., and Frederick, Va. (Apr. 13-17, 1914).	To inspect the Garrett County creamery at Oakland, Md., and to assist the new creamery at Fredericksburg, Va.	20.03	Do.
Do.....	do.....	Waynesboro, Charlottesville, Va.; Oakland, Md.; Elkins, W. Va. (May 4-31, 1914).	To investigate the work on the manufacture of casein from buttermilk.	76.25	Do.
Do.....	do.....	Kalamazoo, Orleans, Lawrence, Mich. (June 1-13, 1914).	To assist creamery at Lawrence with system of bookkeeping and to make buttermilk casein investigations.	20.77	Do.
Do.....	do.....	Oakland, Md.; Waynesboro, Staunton, Va. (Oct. 9-11, 1913).	To give advice to the Garrett County creamery at Oakland, Md.	15.90	Do.
Do.....	do.....	Waynesboro, Staunton, and Charlottesville, Va. (Oct. 30-Nov. 1, 1913).	To inspect creameries and to give advice regarding creamery work.	15.86	Do.
Lovejoy, J. E.....	Veterinary inspector..	To near-by points in Virginia (Oct. 10, 1913—Feb. 5, 1914).	To supervise meat inspection at Alexandria, Va., and to inspect a shipment of hogs reported unfit for food at Lorton and Sandy Point, Va.	4.85	Meat inspection, B. A. I., 1914.
McClain, J. H.....	Dairyman.....	Lafayette, Hammond, Stonewall, Va.; Raleigh, N. C. (Aug. 1-8, 1913).	To instruct employees in silo construction, attend a meeting of the Dixie Dairy Association, and inspect dairy work in North Carolina.	105.47	General expenses, B. A. I. 1914 (dairy industry).

Do.....	do.....	Atlanta, Ga.; Luna, Ark.; Spartanburg, S. C.; Starkville, Miss. (Aug. 14-Sept. 5, 1913).	To attend Round Up Farmers' Institute and give instruction in silo building; also to inspect work and confer about expenses.	97.44	Do.
Do.....	do.....	Atlanta, Ga.; Starkville, Miss.; Warren, Ark.; Spartanburg, S. C. (Sept. 8-15, 1913).	To inspect work of cow testing associations, and supervise work in progress by the bureau.	58.19	Do.
Do.....	do.....	Birmingham, Ala.; Augusta, Ga.; Starkville, Miss.; Spartanburg, S. C.; and Charlotte, N. C. (Sept. 30-Oct. 20, 1913).	To supervise work in progress in different States and to attend Alabama State Fair for the purpose of consulting with an employee of bureau concerning an exhibit under his supervision.	138.78	Do.
Do.....	do.....	Lafayette, La.; Jackson, Miss.; Montgomery, Ala.; Spartanburg, S. C.; Greenville, N. C.; Gainesville, Ga. (Nov. 22, 1913-Jan. 31, 1914).	To supervise dairy work, attend meetings and give talks on local and general subjects, at Louisiana State University-Civic League; citizens' meeting at Gainesville, Ga., and Live Stock Association at Clemson College.	378.45	Do.
Do.....	do.....	Columbia, S. C.; Jackson, Miss.; Little Rock, Ark.; Memphis, Tenn. (Feb. 1-19, 1914).	To supervise work in progress, attend meetings, and deliver addresses on dairy conditions in South Carolina, on how dairy buildings may be improved, and advantages of dairying; conduct herd record work, and attend meetings as follows: South Carolina Live Stock Association; conference of bureau employees at Jackson, Miss.; dairyman's meeting, Brookhaven, Miss.; farmers' meeting at West, Miss.; and Arkansas Live Stock Growers Association at Little Rock, Ark.	108.41	Do.
Do.....	do.....	Middletown, Harrisonburg, and Dayton, Va.; Princess Anne, Md. (Feb. 26-Mar. 12, 1914).	To give addresses on dairying, building up a herd, dairy buildings, etc., at meetings as follows: Dairymen's meeting, Woodstock, Va.; Farmers' Club, Stephen City, Va.; high-school meeting, Middletown, Va.; farmers' school meeting at Princess Anne, Md.	39.19	Do.
Do.....	do.....	Chester, S. C.; Guymon, Okla.; Dalhart, Tex.; St. Louis, Mo.; Louisville, Ky. (Mar. 27-Apr. 5, 1914).	To give illustrated talks on silo construction at the following meetings: Dairymen's meeting at Kirksville, S. C.; Southwest Farmers Congress, Guymon, Okla.; and Conference for Education in the South at Louisville, Ky.	140.16	Do.
Do.....	do.....	Spartanburg, S. C.; Athens, Atlanta, Ga.; Birmingham, Ala.; Starkville, Miss. (May 8-June 19, 1914).	To supervise work in Georgia, Alabama, Mississippi, Louisiana, South Carolina, North Carolina, and to deliver addresses before East Tennessee Convention and Institute.	187.80	Do.
McKeown, T. H.....	Veterinary inspector	To nearby points in Maryland and Virginia (July 11, 1913-June 10, 1914).	Tuberculin testing of cattle and post-mortem examinations.	163.15	General expenses, B. A. I., 1914 (inspection and quarantine).
McWhorter, V. O.....	Animal husbandman.	To Beltsville, Md., and return (Mar. 1-June 24, 1914).	Experimental work at department experimental farm at Beltsville in connection with feeding and breeding, sheep and goat investigations.	24.14	General expenses, B. A. I., 1914 (animal husbandry).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Magee, R. W.	Clerk.	Culpeper, Va. (May 23, 1914)	To photograph dairy buildings and cattle.	\$4.35	General expenses, B. A. I., 1914 (dairy industry).
Mahon, James	Veterinary inspector.	Alexandria, Va. (July 1, 1913).	Supervising inspection work at Alexandria, Va.	.75	Meat inspection, B. A. I., 1914.
Do.	do.	Charleston, Rippon, W. Va.; and Norfolk, Berryville, Va. (Aug. 11-27, 1913).	To inspect exempted establishments in Virginia and West Virginia.	45.81	Do.
Do.	do.	Alexandria, Va. (Sept. 23-26, 1913).	To make post-mortem examination of animals slaughtered for food.	.55	Do.
Marshall, F. R.	Senior animal husbandman.	Beltsville, Md. (Sept. 4, 18, 1913).	To inspect animals used in sheep and goat investigations.	1.04	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	Middlebury, Vt., Laramie, Wyo. (Oct. 12-29, 1913).	To inspect the Government flock of South-down sheep and select ewes for breeding purposes; also to select ewes in the Government flock on the King ranch and arrange for the breeding of ewes.	202.89	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	Chicago, Ill.; Boston, Mass. (Nov. 31-Dec. 16, 1913).	To attend International Live Stock Exposition at Chicago, and to visit Boston, Mass., and other points in connection with wool investigations conducted by the bureau.	129.31	Do.
Do.	do.	New York, N. Y.; Boston, Mass.; Concord Durham, N. H. (Feb. 10-14, 1914).	To inspect negative (photographic) of sheep and confer with companies at New York; to confer with the secretary of Boston Wool Trade Association at Boston; and to attend New Hampshire Convention of Agriculture at Concord, N. H., and deliver an address, "Possibilities of raising sheep in New England."	44.54	Do.
Do.	do.	New York, N. Y.; Middlebury, Vt. (Mar. 4-8, 1914).	To take part in the Addison County Farmers' Institute, Middlebury, Vt.	35.89	Do.
Do.	do.	Middlebury, Vt. (Apr. 20-25, 1914)	To inspect the sheep investigations being conducted at the Morran horse farm and to New York City in connection with the sheep and wool investigations of the bureau.	45.29	Do.
Do.	do.	Laramie, Cody, Wyo.; Sacramento, Cal.; Butte, Mont.; Ogden, Utah (June 8-30, 1914).	To inspect the department flock of sheep at Laramie, Wyo., supervise the shearing and consult sheep breeders.	262.75	Do.
Matheson, K. J.	Junior dairyman	Chicago, Ill. (Sept. 15-Oct. 8, 1913)	To examine sample and repack hog cheese at Monarch Refrigerating Co., and install the Dairy Division's exhibit at the cold storage congress of refrigeration.	35.25	General expenses, B. A. I., 1914 (dairy industry).

Do.....	Do.....	Philadelphia, Pa. (Nov. 3-18, 1913).....	To obtain information relative to work at Concordville, Pa., and to carry on experiments to determine the most advantageous method of manufacturing buttermilk cheese commercially.	37.52	Do.
Malvin, A. D.....	Chief, Bureau of Animal Industry.	Argentina, Brazil, Uruguay, and Paraguay (July 21-Oct. 16, 1913).	To investigate and report upon the conditions under which cattle and meats are handled, the methods and practices which are followed, the manner in which meats are prepared for export to the United States, and the system of inspection maintained in these countries with respect to meats intended for export to the United States, and to obtain such other information with reference to the live stock and packing industries as may be of interest to this country.	826.92	Meat inspection, B. A. I., 1914.
Do.....	do.....	Chicago, Ill. (Nov. 29-Dec. 7, 1913).....	To attend meeting of the United States Live Stock Association at Chicago.	72.85	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.....	do.....	New York, N. Y. (Jan. 28-31, 1914).....	To examine conditions surrounding the importation of foreign meats.	25.60	Meat inspection, B. A. I., 1914.
Do.....	do.....	Chicago, Ill. (Feb. 28-Mar. 7, 1914).....	To attend conference at Chicago regarding hog cholera work; observe condition of bureau work on meat inspection at Indianapolis, Ind., and to inspect a plant producing viruses and serums.	87.10	Investigations, etc., of hog cholera and dourine (hog cholera).
Do.....	do.....	Kansas City, Mo.; Denver, Colo.; Omaha, Nebr.; and Ames, Iowa (June 6-24, 1914).	To attend convention of bureau veterinary inspectors on meat inspection at Kansas City, inspect the stations at Denver and Omaha, and inspect work on hog cholera eradication.	31.15	Meat inspection, B. A. I., 1914.
Do.....	do.....	Chicago, Ill.; St. Louis, Mo.; Kansas City, Kans.; Oklahoma City, Okla.; Fort Worth, Tex.; Omaha, Nebr.; Sioux City, Iowa; and St. Paul, Minn. (Mar. 16-Apr. 23, 1914).	To assist in the inauguration of a system of filing labels.	149.05	Do.
Do.....	do.....	Kansas City, Mo. (June 6-13, 1914).	To assist in the inauguration of a system of filing labels.	16.26	Investigations, etc., of hog cholera and dourine (hog cholera, 1914).
Middleton, W. G.....	Veterinary inspector.	To nearby points in Maryland and Virginia (July 1, 1913-June 12, 1914).	To assist in the inauguration of a system of filing labels.	266.16	Meat inspection, B. A. I., 1914.
Do.....	do.....	Philadelphia, Pa. (July 15-17, 1913).	To attend meeting of inspectors at Kansas City. To conduct work in tuberculin testing, inspection and quarantine, interstate shipment, and post-mortem on reactors in tuberculin test.	65.67	Do.
Mohler, John R.....	Chief, Pathological Division.	Philadelphia, Pa. (Aug. 10-12, 1913).....	To inspect laboratories preparing biological products for veterinary use.	243.67	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.....	do.....	Atlantic City, N. J. (Aug. 15-17, 1913).....	To inspect the methods of production and preparation of viruses, serums, and toxins produced by the Pennsylvania Live-Stock Sanitary Board for interstate shipment.	17.45	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.....	do.....		To attend the annual convention of the American Poultry Association.	17.40	Do.
Do.....	do.....			18.70	General expenses, B. A. I., 1914 (diseases of animals).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mohler, John R.	Chief, Pathological Division.	{ Buffalo and New York, N. Y.; Athens, N. J.; and Philadelphia, Pa. (Aug. 25- Sept. 6, 1913).	{ To Buffalo and New York to inspect meat in- spection work; to interview State Veterinar- ian of State of Pennsylvania regarding State law on tuberculosis, and to inspect United States quarantine station in company with the director general of Canada.	\$36.78	Meat inspection, B. A. I., 1914.
Do.	do.	Philadelphia, Pa. (Sept. 16-18, 1913).	{ To confer with inspector in charge of meat in- spection work, and to inspect establishments producing viruses, serums, and toxins.	60.50	General expenses, B. A. I., 1914 (diseases of animals).
Do.	do.	Athenia, N. J. (Nov. 14-16, 1913).	{ To investigate reported outbreak of foot-and- mouth disease among a consignment of Guernsey cattle quarantined at that place.	4.67	Meat inspection, 1914.
Do.	do.	Philadelphia and Portasia, Pa., and New- ark, Del. (Nov. 20-22, 1913).	To attend conference regarding cooperative investigations and to investigate a reported outbreak of anthrax among hogs.	10.67	General expenses, B. A. I., 1914 (control viruses, se- rums, and toxins).
Do.	do.	Chicago, Ill. (Nov. 30-Dec. 6, 1913).	To attend meeting of United States Live Stock Sanitary Association.	11.20	General expenses, B. A. I., 1914 (diseases of animals).
Do.	do.	Philadelphia, Pa. (Dec. 30-31, 1913).	To inspect laboratory of the Pennsylvania Live Stock Sanitary Board relative to reis- suing their license for the preparation of va- rious biological products.	12.94	Do.
Do.	do.	Philadelphia, Pa. (Feb. 10-11, 1914).	To attend the annual meeting of the Keystone Veterinary Medical Association, for the pur- pose of addressing the association on the subject of vaccine in the control of animal diseases.	72.50	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.	do.	Asheville, N. C. (Apr. 15-19, 1914).	To investigate an infectious disease among cattle which was reported in that section.	9.60	General expenses, B. A. I., 1914 (control viruses, se- rums, and toxins).
Do.	do.	New York, N. Y. (May 6-8, 1914).	To attend meeting of the American Pure Food League.	15.50	Do.
Do.	do.	Philadelphia, Pa. (June 18-19, 1914).	To confer with bureau employees relative to cooperative work on milk hygiene for the next fiscal year.	42.25	General expenses, B. A. I., 1914 (diseases of animals).
Morrill, Chester.	Clerk.	Kansas City, Mo. (June 6-12, 1914).	To attend meeting of inspectors and others in the meat-inspection service at Kansas City, and attend a hearing in the matter of a license of the Missouri Valley Serum Co. at Kansas City, Kans.	21.75	Meat inspection, B. A. I., 1914.
				11.05	General expenses, B. A. I., 1914 (diseases of animals).
				55.30	Meat inspection, B. A. I., 1914.

Morse, E. W.	Specialist in animal husbandry.	Chicago, Ill. (Dec. 1-5, 1913).....	To attend the meetings of the American Society of Animal Production held in connection with the International Live Stock Association at Chicago.	55.95	General expenses, B. A. I., 1914 (dairy industry).
Norton, Raymond P.	Junior dairyman.....	Boston, Mass. (Sept. 2-5, 1913).....	To study factory conditions relative to the manufacture of renovated butter.	13.45	Do.
Do.	do.....	Middleton and Frederick, Md. (Mar. 23-Apr. 24, 1914).	To conduct a series of experiments with renovated butter on a factory scale.	33.39	Do.
O'Brien, Luke C.	Clerk.....	Chicago, Ill. (Feb. 28-Mar. 5, 1914).....	To attend hog-cholera conference.....	42.45	General expenses, B. A. I., 1914 (demonstrating method of preventing and eradicating hog cholera).
Parks, G. H.	Architect.....	Cordland, N. Y. (July 22-25, 1913).....	To examine plans and construction of packing house, and to consult with the inspector in charge relative to same.	32.76	Meat inspection, B. A. I., 1914.
Do.	do.....	Chicago, Ill.; Indianapolis, Ind. (Sept. 13-Oct. 5, 1913).	To investigate the sanitary condition of certain official establishments.	139.90	Do.
Do.	do.....	New York, N. Y.; Boston, Mass. (Dec. 28-31, 1913).	To inspect conditions of sheep-killing floors in official establishments in New York, and to confer with officials in Boston relative to floors on which post-mortem examinations are made.	39.35	Do.
Do.	do.....	Buffalo, N. Y.; Pittsburgh, Pa.; Milwaukee, Wis.; Chicago, Ill.; Cedar Rapids, Iowa; Lafayette, Ind.; Boston, Mass. (Feb. 1-21, 1914).	To investigate establishments where Federal meat inspection is conducted as to structural sanitary condition.	191.69	Do.
Do.	do.....	Kansas City, Mo.; Louisville, Ky.; Chicago, Ill. (June 6-17, 1914).	To inspect structural condition of establishments relative to sanitation.	94.01	Do.
Parks, Karl E.	Dairy engineer.....	Philadelphia, Pa.; Plainsboro, N. J. (Mar. 31-Apr. 1, 1914).	To inspect the Walker-Gordon dairy plant to obtain suggestions for making plans for dairy buildings.	12.18	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.....	Philadelphia, Pa. (May 18, 1914).....	To investigate grain and food equipments and to collect data for use in connection with the construction of barns for dairy cattle.	6.65	Do.
Pike, Adna B.	Junior dairyman.....	Points in Virginia (July 1, 1913-June 30, 1914).	To give advice to owners of dairy farms on matters relating to the construction of silos, herd records, management, feeding, milk testing, and organization of cow-testing associations.	609.85	Do.
Pistor, A. J.	Veterinary inspector.....	New York, N. Y. (July 15-23, 1913).....	To investigate conditions relative to meat inspection.	54.85	Meat inspection, B. A. I., 1914.
Do.	do.....	New York, N. Y. (Sept. 27-Oct. 1, 1913).....	To investigate meat-inspection service at New York and vicinity.	26.40	Do.
Do.	do.....	New York, N. Y., and Boston, Mass. (Dec. 28-31, 1913).	To investigate certain meat-inspection conditions in New York and Boston.	25.55	Do.
Do.	do.....	Baltimore, Md. (Jan. 22, 1914).....	To investigate meat-inspection conditions at the Baltimore station.	2.40	Do.
Do.	do.....	Boston, Mass.; Harrisburg, Pa.; Louisville, Ky.; Indianapolis, Ind.; Chicago, Ill.; Des Moines, Iowa (Feb. 1-16, 1914).	To act as a member of board of survey to investigate establishments in regard to the construction of buildings.	166.04	Do.
Do.	do.....	Kansas City, Kans. (June 6-11, 1914).....	To attend meeting of the meat-inspection division at Kansas City.	48.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pope, George W.	Assistant chief, Quarantine Division.	Boston, Mass. (Oct. 20-23, 1913)	To attend the meeting of the Eastern Live Stock Sanitary Association, at Boston, Mass.	\$6.65	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.	do.	Baltimore, Md. (Mar. 25, 1914)	To secure blood serum from camels for laboratory test.	2.70	Do.
Do.	do.	Hamilton, Va. (June 8, 1914)	To test animals with tuberculin and mallein.	1.60	Do.
Potter, George M.	Veterinary inspector.	Sterling, Va. (June 6-13, 1914)	To administer treatment against infectious abortion of cattle.	2.00	General expenses, B. A. I., 1914 (diseases of animals).
Price, T. M.	Senior laboratory inspector.	New York, N. Y. (Mar. 20-23, 1914)	To inspect imported meats in order to determine the presence of formaldehyde therein.	27.00	Meat inspection, B. A. I., 1914.
Do.	do.	Kansas City, Mo. (June 6-11, 1914)	To attend meeting of the meat-inspection division at Kansas City.	50.20	Do.
Rabild, Helmer	Senior dairyman.	Chicago, Ill.; Algona, Iowa; Battle Creek, Mich.; and Baltimore, Md. (Oct. 22-Nov. 14, 1913).	To attend conference of employees at Chicago; to organize cow-testing associations at Algona; to deliver lecture on subject relating to the dairy industry at Battle Creek, and to study construction of concrete stables at Baltimore.	116.62	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.	Columbus, Ohio (Feb. 5-7, 1914)	To attend meeting of Ohio State Dairymen's Association and to deliver an address on building up dairy herds.	34.80	Do.
Do.	do.	Points in States of Texas, Missouri, Iowa, Wisconsin, and Georgia (Apr. 3-23, 1914)	To inspect silos and creameries relative to improvements in machinery, etc.	188.69	Do.
Ramsay, R. A.	Chief, Field Inspection Division.	Atlanta, Ga., and Montgomery, Ala. (July 6-11, 1913).	To address meetings on tick eradication and the development of the cattle industry in the Southern States.	76.30	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.	do.	Memphis, Tenn. (Nov. 7-9, 1913)	To attend meetings of the Southern Cattle-men's Association.	20.90	General expenses, B. A. I., 1914 (eradication ticks).
Do.	do.	Chicago, Ill. (Nov. 30-Dec. 7, 1913)	To attend meeting of United States Live Stock Association at Chicago.	55.23	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.	do.	Louisville, Ky., and Memphis, Tenn. (Dec. 7-13, 1913).	To Louisville to inspect station, yard, etc.; to Memphis to attend meeting of the Southern Cattlemen's Association.	77.16	General expenses, B. A. I., 1914 (eradication ticks).
Do.	do.	Salt Lake City, Utah; Denver, Colo.; Omaha, Neb.; and Ames, Iowa (Jan. 11-28, 1914).	To attend a meeting of the National Wool Growers' Association at Salt Lake City, and a meeting of the American Live Stock Association at Denver; also to supervise duties connected with field-inspection work.	220.21	General expenses, B. A. I., 1914 (inspection and quarantine).

Do.....	do.....	Jackson, Miss. (Feb. 7-12, 1914).....	To attend meeting at Jackson, Miss., held to instruct employees of the bureau engaged in tick eradication.	69.46	General expenses, B. A. I., 1914 (eradicated cattle ticks).
Do.....	do.....	Chicago, Ill.; Kansas City, Kans.; Oklahoma City, Okla. (Feb. 28-Mar. 16, 1914).	To attend the Panhandle Stock Growers' Association at Oklahoma, Okla.	186.42	Do.
Do.....	do.....	Sonoma, Cal.; Columbia, Clemson College, S. C. (Mar. 31-Apr. 3, 1914).	To confer with State officials and bureau employees relative to the organization of a force to be engaged in the tick eradication in South Carolina in cooperation with Clemson College.	48.05	Do.
Ransom, B. H.....	Chief, Zoological Division.	Colorado Springs, Denver, Colo.; Omaha, Neb.; Chicago, Ill. (July 26, Oct. 18, 1913).	To conduct investigations of fringed tapeworm and other parasites of live stock; also to conduct investigations of measles of cattle.	258.05	Meat inspection, B. A. I., 1914.
Do.....	do.....	Natural Bridge and Clifton Forge, Va. (Nov. 2-4, 1913).	To consider the selection of a site for experiments relative to sheep parasites.	182.10	General expenses, B. A. I., 1914 (diseases of animals).
Do.....	do.....	Chicago, Ill. (Nov. 29-Dec. 10, 1913).....	To investigate trichinosis and measles in Chicago and to visit the University of Illinois for the purpose of investigating methods employed in raising lambs free from stomach worms and to obtain certain data relative to parasites of other domestic animals.	20.90	Do.
Do.....	do.....	Chicago, Ill. (Nov. 29-Dec. 10, 1913).....	To attend meeting of the United States Live Stock Sanitary Association at Chicago.	17.91	Do.
Do.....	do.....	New York, N. Y., and Philadelphia, Pa. (Dec. 28, 1913-Jan. 1, 1914).	To arrange for certain experiments on the effect of refrigeration on the vitality of trichinae.	72.20	General expenses, B. A. I., 1914 (inspection and quarantine).
Do.....	do.....	New York, N. Y. (Feb. 5-Mar. 5, 1914).....	To secure information and specimens for laboratory work in connection with trichinae investigations.	33.79	Meat inspection, B. A. I., 1914.
Do.....	do.....	New York, N. Y.; Philadelphia, Pa. (Apr. 1-22, 1914).	To investigate trichinosis and measles in animals.	126.16	Do.
Do.....	do.....	New York, N. Y. (May 8-9, 1914).....	To secure information and specimens for laboratory work in connection with trichinae investigations.	60.35	Do.
Do.....	do.....	Kansas City, Mo. (June 6-9, 1914).....	To attend meeting of bureau employees to consider meat-inspection service.	19.55	Do.
Do.....	do.....	Chicago, Ill.; Lincoln, Nebr. (June 9-14, 1914).	To conduct investigations relating to parasites of live stock and parasitic diseases.	16.40	Do.
Rawl, B. H.....	Chief, Dairy Division.	Orangeburg, Columbia, S. C.; Lexington, Ky. (July 28-Aug. 8, 1913).	To inspect work being done by bureau employees in order to determine what is needed to continue experiments.	64.42	General expenses, B. A. I., 1914 (diseases of animals).
Do.....	do.....	Moscow, Idaho; Chicago, Ill.; Portland, Oreg.; Ames, Iowa; Omaha, Nebr.; Salt Lake City, Utah; Sacramento, Cal. (Aug. 10-Sept. 8, 1913).	To make an examination of the condition of bureau work in Idaho, Illinois, Oregon, Nebraska, Utah, and California, and to confer with officials regarding cooperative work to be taken up.	53.29	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Tululah, Shreveport, Washington, and New Orleans, La. (Oct. 7-18, 1913).	To accompany the Chief, Bureau of Plant Industry to points in Louisiana in connection with new work of the department in that State.	357.09	Do.
Do.....	do.....			133.99	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rawl, B. H.....	Chief, Dairy Division.	Chicago, Ill.; Hyattsville and Beltsville, Md. (Oct. 26-Nov. 3, 1913).	To attend conferences relative to work of the bureau, attend dairy meetings at Chicago, and to supervise dairy work at Beltsville, Md. Meetings as follows: Round table conference of all-day organizations; American Jersey Cattle Club; National Creamery Buttermilk Association; Dairy Instructors Association of Ice-cream Manufacturers.	\$79.55	General expenses, B. A. I. 1914 (dairy industry).
Do.....	do.....	Columbia, S. C. (Nov. 7-9, 1913).....	To attend a conference of officials of the bureau and members of State organizations relative to tick eradication.	42.80	Do.
Do.....	do.....	Richmond, Va., and Columbia, S. C. (Jan. 20-27, 1914).	To attend a meeting of the State Farmers' Institute to deliver a lecture on community breeding; and to attend a hearing before the South Carolina Legislature to speak on the need of tick eradication.	47.90	Do.
Do.....	do.....	Greenville, S. C., and Lynchburg, Va.; Columbia, S. C. (Feb. 6-17, 1914).	To visit Columbia, S. C., to appear before the Ways and Means Committee in regard to tick appropriation; Jackson, Miss., to attend a meeting of the Southern dairy field men, and Lynchburg, to address the Southern Sanitary Association and Virginia State Dairymen's Association.	116.29	Do.
Do.....	do.....	To near-by points in Maryland and Virginia (Apr. 15-Mar. 23, 1914).	To investigate conditions in the herd of the Sterling dairy, Sterling, Va., and supervise the dairy work of the department experimental farm at Beltsville.	2.50	Do.
Do.....	do.....	Beltsville, Md. (June 9, 10, 11, and 18, 1914).	To inspect work being done at department experimental farm.	15.00	Do.
Do.....	do.....	Charleston, S. C. (June 23-30, 1914).....	To attend meeting of South Carolina Bankers' Association to deliver address.	43.80	Do.
Rice, J. A.....	Clerk.....	Kansas City, Mo. (June 4-20, 1914).....	To attend meeting of meat inspectors at Kansas City, Mo.	91.20	Meat inspection, B. A. I., 1914.
Rogers, L. A.....	Senior dairyman.....	Williamsport, Altoona, Clearfield, Pa., and Baltimore, Md. (July 15-21, 1913).	To supervise experimental work and to investigate the possibilities of establishing an experimental creamery.	33.33	General expenses, B. A. I., 1914 (dairy industry).
Do.....	do.....	Troy, Pa. (Sept. 25-26, 1913).....	To supervise experimental work in butter making.	10.56	Do.
Do.....	do.....	Troy, Pa. (Nov. 23-25, 1913).....	do.....	20.92	Do.

Do.	do.	Madison, Wis., Chicago, Ill. (Feb. 2-6, 1914).	To deliver paper on fishy flavor in butter at meeting of Wisconsin Butter Makers' Association.	64.45	Do.
Do.	do.	Brunswick, Me.; Worcester, Mass.; and Cold Springs Harbor, N. Y. (Mar. 15-17, 1914).	To Brunswick and Worcester to confer with candidates for positions in the Dairy Division, and to Cold Springs Harbor to confer with the director of the Carnegie Laboratory regarding the fitness of an applicant for a bureau position.	7.25	Do.
Do.	do.	New York, N. Y. (Apr. 13-14, 1914).	To attend meeting of committee on standards of the New York milk committee and assist in its work.	20.95	Do.
Do.	do.	Madison, Wis. (May 18-21, 1914).	To interview a candidate for position in Dairy Division, in order to determine his fitness for the work.	62.60	Do.
Rommel, G. M.	Chief, Animal Husbandry Division.	Lexington, Ky.; Cincinnati, Ohio; Syracuse, N. Y. (July 20-26, 1913).	To inspect the Army horse-breeding work, and consult with persons interested in it.	117.77	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	Beltsville, Md. (Aug. 20, 1913-June 20, 1914).	To supervise investigations at department experimental farm.	21.40	Do.
Do.	do.	Chicago, Ill.; Denver, Colo.; Omaha, Nebr. (Oct. 10-Nov. 8, 1913).	To Aberdeen, Md., to inspect a stallion, to Baltimore to purchase feed for department experimental farm at Beltsville, to Iowa to accompany beef cattle special through the northwest to Colorado to make the annual inspection and culling of the horses used in the breeding experiment farm at Fort Collins, and to Chicago for the purpose of seeing bids on feed to be purchased for the stallions.	146.37	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	Chicago, Ill. (Nov. 30-Dec. 6, 1913).	To attend the International Live Stock Exposition.	72.75	Do.
Do.	do.	Middlebury, Vt.; Richmond, Va. (Jan. 5-8, 1914).	To investigate the work at the Morgan horse farm at Middlebury, Vt., and to address the Virginia State Farmers' Institute at Richmond, Va., on horses.	39.80 10.45	Do. Do.
Do.	do.	Chicago, Ill.; Fort Collins, Colo.; Omaha, Nebr.; Winchester, Va. (Jan. 1-Feb. 13, 1914; Feb. 23-26, 1914).	To inspect the horse-breeding work and straighten out the records and arrange for transfer of animal husbandman in charge of work; to Chicago on business pertaining to horse-breeding work of bureau; Winchester, Va., to attend farmers' institute and deliver talk.	197.70	Do.
Do.	do.	Middlebury, Vt. (Mar. 4-8, 1914).	To attend the Addison County Farmers' Institute and meeting held at the Morgan horse farm.	36.54	Do.
Do.	do.	Louisville and Lexington, Ky. (Apr. 5-11, 1914).	To attend the Southern Educational Conference and a conference of field men of the department, and to Lexington, Ky., to confer with the animal husbandman in charge of the third horse-breeding district.	60.30	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rommel, G. M.	Chief, Animal Husbandry Division.	Middlebury, Vt.; New York, N. Y. (May 14-18, 1914)	To attend the annual culling of horses at the Morgan horse farm, Middlebury, Vt., and to New York in connection with the horse-breeding work of the bureau.	\$47.70	Cooperative experiments in animal feeding and breeding, 1914.
Shaw, R. H.	Dairyman.	Frederick, Md. (Mar. 23-Apr. 9, 1914)	To collect renovated butter factory data in connection with research work.	25.20	General expenses, B. A. I., 1914 (dairy industry). Do.
Do.	do.	Evansville, Wis.; Chicago, Ill. (May 10-21, 1914).	To carry out experimental work in the manufacture of renovated butter and to study methods of manufacture.	86.90	Do.
Do.	do.	Frederick, Middletown, Md. (June 1-4, 1914).	To investigate the manufacture of renovated butter.	26.88	Do.
Do.	do.	Frederick, Md. (June 22-25, 1914)	To conduct investigations in making renovated butter.	14.90	Do.
Shore, H. J.	Bacteriologist.	National Stock Yards, Chicago, Ill.; Indianapolis, Ind. (July 1-12, 1913)	To inspect private establishments which produce serums, toxins, and analogous products intended for use in the treatment of domestic animals.	73.65	General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.	do.	Ames, Iowa; Butte, Mont.; Denver, Colo.; Franklin, Nebr.; St. Joseph, Mo.; Kansas City, Kans. (Aug. 25-Nov. 10, 1913).	To investigate plants manufacturing viruses, serums, and toxins for the treatment of domestic animals, and to prepare antihog-cholera serum for use in experiments concerning the eradication of hog cholera.	227.88 126.67	Do. General expenses, B. A. I., 1914 (demonstrating method of preventing and eradicating hog cholera).
Do.	do.	New York, N. Y.; Philadelphia, Glen Olden, Pa.; Kingston, R. I.; Palmer, Mass. (Dec. 26, 1913-Jan. 3, 1914).	To inspect plants manufacturing viruses, serums, and toxins, and to attend the fifth annual special course of Rhode Island State College as a representative of the bureau.	48.83 5.05	General expenses, B. A. I., 1914 (control viruses, serums, and toxins). General expenses, B. A. I., 1914 (demonstrating method of preventing and eradicating hog cholera). Do.
Do.	do.	Birmingham, Montgomery, Ala.; Lexington, Ky.; Philadelphia, Pa. (Feb. 4-28, 1914).	To attend meeting of Southern Agricultural Workers at Lexington, Ky., and to inspect hog cholera serum plant of Kentucky Agricultural Experiment Station, also to inspect establishment maintained by H. K. Mulford & Co.	80.94 4.05	Do. General expenses, B. A. I., 1914 (control of viruses, serums, and toxins).
Do.	do.	New Brunswick, N. J. (Apr. 5-6, 1914)	To inspect establishment maintained by E. R. Squibbs & Son.	14.40	Do.
Do.	do.	New Brunswick, N. J. (May 13, 1914)	To inspect an establishment engaged in the manufacture of veterinary biological products.	14.60	Do.

Do.....	Do.....	104.02	To attend meeting of inspectors of plants engaged in the manufacture of veterinary biological products.
Smith, H. E.....	Veterinary inspector..	210.02	To give tuberculin test to dairy animals.....
Smith, Wm. H., Jr.....	Do.....	106.41	To investigate inspection and handling of imported meat and meat-food products.
Stambaugh, V. G., Jr.....	Junior animal husbandman.	13.33	To conduct and supervise experiments in horse feeding and breeding.
Steddom, R. P.....	Chief, Meat Inspection Division.	34.45	To investigate the personnel of bureau force in New York.
Do.....	Do.....	143.60	To inspect the work of meat inspection for the purpose of revising the regulations governing same.
Do.....	Do.....	28.20	To secure data covering the importation of meats.
Do.....	Do.....	28.05	To investigate conditions under which imported meats are being received from steamship Highland Watch.
Stokes, Thomas E.....	Field agent.....	129.23	To observe methods of serum production in preparation for assignment to hog cholera work.
Thompson, S. C.....	Senior dairymen.....	22.92	To investigate the possibilities of establishing a creamery at Clearfield, Pa.
Do.....	Do.....	114.23	To confer with dairy officials in Vermont and Maine relative to work which will be taken up, to visit creameries in Cincinnati, to investigate the butter situation at Boston, and to outline the requirements for the manufacture of renovated butter as proposed by Frank G. Day & Co.
Do.....	Do.....	113.80	To confer with the employees of the bureau to outline work of inspecting renovated butter factories.
Do.....	Do.....	42.41	To attend meeting of Vermont Dairymen's Association to deliver an address on creamery conditions in Vermont.
Do.....	Do.....	45.09	To investigate sweet cream butter and renovated butter factories.
Do.....	Do.....	469.14	To inspect renovated butter factories and confer with bureau employees relative to work now in progress.
Do.....	Do.....	113.00	To inspect renovated butter factories, and to confer with bureau employees regarding work now in progress, and to instruct creameries as to the manufacture of butter.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Thompson, S. C.	Senior dairyman.	Frederick, Middletown, Md. (June 22, 1914).	To inspect the renovated butter factory at Middletown and creamery at Frederick.	\$2.05	General expenses, B. A. I., 1914 (dairy industry).
Thomssen, E. C.	Dairy chemist.	Troy, Pa. (July 27–Nov. 27, 1913).	To investigate flavor in butter.	105.92	Do.
Tilley, Frank W.	Bacteriologist.	Baltimore, Md. (Mar. 10–12, 1914).	To appear as a witness in connection with the enforcement of the insecticide act of 1910.	6.95	Enforcement of the insecticide act, 1914.
Trum, Jacob.	do.	To near-by points in Maryland and Virginia (July 30, 1913–May 12, 1914).	To investigate infectious abortion in cattle.	45.39	General expenses, B. A. I., 1914 (diseases of animals).
Wade, Wm. H.	Skilled laborer.	To near-by points in Maryland and Virginia (July 15, 1913–June 14, 1914).	To conduct cooperative tuberculosis investigations, and disinfection of infected premises after the removal of cows which had been infected.	57.63	General expenses, B. A. I., 1914 (inspection and quarantine).
Walter, H. K.	Veterinary inspector.	To near-by points in Maryland and Virginia (Dec. 10, 1913–Apr. 20, 1914).	To conduct post-mortem examination of animals made in order to determine if meat was fit for food.	7.82	Meat inspection, B. A. I., 1914.
Do.	do.	Kansas City, Mo. (June 6–11, 1914).	To attend meeting of inspectors in charge at Kansas City, Mo.	49.00	Do.
Ward, William F.	Senior animal husbandman.	Waynesville, Hickory, Greensboro, and Raleigh, N. C. (Aug. 10–Sept. 6, 1913).	To assist in locating place for beef cattle experiments with North Carolina Experiment Station and go over certain MSS. with Prof. Gray.	171.04	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	Raleigh, N. C.; New Orleans; La.; Amarillo, Houston, Tex.; Selma, Livingston, Bellamy, Ala.; Shreveport, La. (Sept. 9–Oct. 27, 1913).	To inspect cooperative hog and beef cattle investigations and to deliver address before Louisiana Negro Agriculture State Fair.	313.55	Do.
Do.	do.	Amarillo, Bushland, Tex.; Raleigh, N. C. (Nov. 7–20, 1913).	To inaugurate the cooperative experiments on beef cattle work to be carried on in cooperation with farmers' demonstration office of Bureau of Plant Industry, and to attend annual meeting of North Carolina Live Stock Association and deliver address.	146.13	Do.
Do.	do.	Chicago, Ill.; Sugarland, Tex. (Nov. 30–Dec. 19, 1913).	To attend the International Livestock Exposition at Chicago, to visit Sugarland, Tex., to secure information relative to the manufacture and feeding of the Elbridge stock herd, and to look over the situation with regard to starting a feeding experiment.	184.95	Do.
Do.	do.	Athens, Ga. (Jan. 18–22, 1914).	To attend the mid-winter meetings of the Georgia Dairy and Live Stock Association and deliver an address on the "Profits of Beef Cattle Production."	51.10	Do.

Do.....	Jackson, Miss.; York, Ala.; Chattanooga, Tenn. (Feb. 4-16, 1914).	To attend a conference of bureau employees to discuss the methods of breeding cattle and the pasturing and fattening of animals in connection with tick eradication.	113.15	General expenses, B. A. I., 1914 (eradicating cattle ticks).
Do.....	Jackson, Starkville, West Point, Miss.; York and Livingston, Ala. (Mar. 14-22, 1914).	To confer with officials of State experiment stations and Department of Agriculture regarding the cooperative beef cattle work of this bureau.	90.64	Cooperative experiments in animal feeding and breeding, 1914.
Do.....	Memphis, Tenn.; Louisville, Ky.; and Morgantown, W. Va. (Apr. 2-19, 1914).	To attend a Merden-Angus sale at Memphis, Tenn.; to Louisville, Ky., to attend the educational conference under Southern Commercial Congress, and a conference of bureau employees; to Morgantown, W. Va., to confer with the director of the West Virginia Experiment Station regarding plans for cooperative beef cattle work to be started in West Virginia.	118.83	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	Beltsville, Md. (Mar. 16-Apr. 12, 1914).....	To inspect work of the bureau at the experimental farm in hog feeding.	.52	Do.
Do.....	Chicago, Ill.; Knoxville, Tenn.; Asheville, N. C. (May 11-24, 1914).	To attend and address a meeting of East Tennessee Farmers' Institute and Live Stock Association, and attend a conference in connection with the meeting of the Agricultural College extension workers at Chicago, Ill.	139.07	Cooperative experiments in animal feeding and breeding, 1914.
Do.....	Beltsville, Md. (May 11, 1914).....	To inspect work at experimental farm in hog feeding.	.05	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	Beltsville, Md. (June 4-16, 1914).....	To supervise experiments in hog feeding and breeding.	3.42	Do.
Do.....	State College, and Bellefonte, Pa. (June 23-25, 1914).	To interview prospective candidates for work in the beef cattle investigations being conducted by this bureau.	21.49	Cooperative experiments in animal feeding and breeding, 1914.
Washburn, H. J.....	Kansas City, Mo. (June 6-11, 1914).....	To attend meeting of the inspectors in charge of the various bureau stations at Kansas City, Mo.	45.80	Meat inspection, B. A. I., 1914.
Weir, Raymond J.....	Buffalo, N. Y. (July 31-Nov. 29, 1913).....	To assist in preparation of complaints of alleged violations of the 28-hour law.	263.31	General expenses, B. A. I., 1914 (inspection and quarantine).
Williams, Owen E.....	Pawnee, Stillwater, Enid, El Reno, Okla. (July 6-19, 1913).	To investigate ice cream conditions in Texas and Oklahoma in order to determine the needs of the industry.	113.44	General expenses, B. A. I., 1914 (dairy industry).
Do.....	Baltimore, Md. (Sept. 4, 1913).....	To visit the Hendler Creamery Co. to determine the feasibility of conducting some experiments in the manufacture of ice cream.	2.80	Do.
Do.....	Pottstown, Pa. (Sept. 12-14, 1913).....	To investigate ice cream manufacture and give advice regarding improvements.	14.15	Do.
Do.....	Harrisburg, Dillistown, Pottstown, and Philadelphia, Pa. (Oct. 6-Dec. 5, 1913).	To investigate ice cream manufacture in Pennsylvania in order to determine how the industry may be improved.	145.53	Do.
Do.....	Philadelphia, Pottsville, Pa. (Jan. 19-Feb. 15, 1914).	To investigate ice cream manufacture at Pottsville and Philadelphia and give advice regarding improvements.	93.68	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Winant, Frank I.....	Veterinary inspector..	To near-by points in Maryland and Virginia (July 1, 1913–June 29, 1914).	To give tuberculin test to dairy animals.....	\$282.62	General expenses, B. A. I., 1914 (inspection and quarantine).
Woodward, B. T.....	do.....	Morgantown, W. Va.; Cornellville, Pa.; Arlington, Va. (July 14–21, 1913).	To conduct cooperative tuberculosis investigations, and to examine and treat stallion owned by the Government.	29.84	Do.
Do.....	do.....	To near-by points in Maryland and Virginia (Sept. 8, 1913–May 29, 1914).	To conduct cooperative tuberculosis investigations and to treat department live stock.	22.95	Do.
Yoos, John H.....	Meat inspector.....	Alexandria and return daily (May 1–June 30, 1914).	To inspect carcasses of animals to determine if they were fit for food.	8.10	Meat inspection, B. A. I., 1914.
Ziegler, P. Thomas.....	Junior animal husbandman.	Beltsville, Md. (Dec. 2 and 7, 1913).....	To inspect poultry used in investigations at department experimental farm.	.42	General expenses, B. A. I., 1914 (animal husbandry).
Do.....	do.....	New York, N. Y. (Dec. 8–31, 1913).....	To make a study of grading and marketing ostrich feathers, to determine the relative value of domestic and imported feathers on the New York markets.	84.60	Cooperative experiments in animal feeding and breeding, 1914.
Do.....	do.....	New York, N. Y.; Bloomsburg, Pa. (Jan. 1–12, 1914).	.....do.....	53.67	Do.

BUREAU OF PLANT INDUSTRY.

Adams, C. W.....	Assistant.....	North Platte, Nebr.; Denver, Colo. (Aug. 15–Sept. 3, 1913).	To attend meetings of the Great Plains Cooperative Experiment Association and take down in shorthand the proceedings and addresses for the purpose of printing; and to assist in the preparation of forms and tables for assembling data on field work at the experiment farms.	\$176.62	General expenses, B. P. I., 1914 (dry-land agriculture).
Baker, O. E.....	Assistant agriculturist.	Madison, Milwaukee Wis.; Chicago, Champaign, Charleston, Paris, Ill.; Lafayette, Indianapolis, Ind.; Tiffin, Columbus, Ohio (Aug. 17–Sept. 30, 1913).	To carry on investigations of the relation of geographic factors to farm management in connection with farm management studies.	28.88	General expenses, B. P. I., 1914 (farm management).
Do.....	do.....	Trenton, Princeton, N. J. (Dec. 31, 1913–Jan. 2, 1914).	To confer with American geographers regarding a proposed atlas for use in connection with studies of the relation of geographic factors to farm management.	59.40	Do.
Ball, C. R.....	Cerealist.....	Nephi, Utah; Akron, Colo. (July 1–5, 1913)...	To inspect cereal experiments and confer with State experiment station officials relative to cereal work.	88.83	General expenses, B. P. I., 1914 (cereal investigations).

Do.	do.	St. Paul, Minn.; Brookings, Newell, Highmore, S. Dak.; Dickinson, N. Dak.; Aberdeen, Gooding, Idaho; Burns, Moro, Corvallis, Oreg.; Biggs, Cal. (July 24-Aug. 29, 1913).	425.12	Do.	International Dry Land Congress at Tulsa, Okla., 1913-14. General expenses, B. P. I., 1914 (farm management).
Do.	do.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).	143.38	Do.	Do.
Ball, J. S.	Assistant.	Rocky Mount, N. C. (July 16-19, 1913).	25.10	Do.	Do.
Do.	do.	Richmond, Va.; Rocky Mount, Battleboro, N. C. (Jan. 2-7, 1914).	29.15	Do.	Do.
Do.	do.	Americus, Leslie, Plains, Ga. (Apr. 17-May 18, 1914).	172.86	Do.	Do.
Barghausen, J. F.	Mechanical assistant.	Danville, Va. (Aug. 17-29, 1913).	59.60	General expenses, B. P. I., 1914 (cotton testing).	
Do.	do.	Danville, Va. (Oct. 1-17, 1913).	44.60	Do.	Do.
Do.	do.	Danville, Va. (Oct. 20-Nov. 13, 1913).	75.70	General expenses, B. P. I., 1914 (administrative and miscellaneous).	
Do.	do.	Grand Rapids, Mich.; Cincinnati, Ohio (May 24-29, 1914).	61.20	General expenses, B. P. I., 1914 (forage crop investigations).	
Do.	do.	Chula, Va. (June 10-12, 1914).	17.75	General expenses, B. P. I., 1914 (drug and other plants).	
Bartlett, H. H.	Chemical biologist.	Philadelphia, Pa. (July 17-18, 1913).	11.45	General expenses, B. P. I., 1914 (pomological investigations).	
Bechtold, Frank E.	Assistant.	Palmetto, Fla. (Dec. 6, 1913-Apr. 19, 1914).	87.65	General expenses, B. P. I., 1914 (horticultural investigations).	
Bennett, C. M.	Assistant agriculturist.	Madison, Blue Mounds, Wis.; St. Paul, Minn. (July 27-Aug. 4, 1913).	86.50	General expenses, B. P. I., 1914 (farm management).	
Bennett, C. M.	do.	Wooster, Ohio; Belle Plaine, Hartwick, Iowa, Minneapolis, Minn.; Madison, Wis.; Batavia, Sodus, Rochester, Interlaken, N. Y. (Mar. 15-Apr. 6, 1914).	91.99	Do.	
Bissott, Peter.	Plant introducer.	Brooksville, Fort Myers, Tampa, Miami, Jacksonville, Fla. (July 1-12, 1913).	145.79	General expenses, B. P. I., 1914 (foreign seed and plant introduction).	
Boltman, P. J.	Aid in grain standardization.	Brooklyn, N. Y. (June 21-27, 1914).	83.90	General expenses, B. P. I., 1914 (grain standardization).	
			39.83		

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bowen, P. P.	Unskilled laborer.	Fort Valley, Ga. (July 1-27, 1913).	To assist with the peach precocious experiments being conducted by the office of pomological investigations.	\$85. 60	General expenses, B. P. I., 1914 (pomological investigations).
Brand, C. J.	Chief, Office of Markets, and in charge paper plant investigations.	Portland, Mechanic Falls, Me. (July 14-23, 1913).	To continue investigations and experiments in testing and breeding fibrous plants which may be used for paper making.	93. 65	General expenses, B. P. I., 1914 (paper plant investigations).
Do.	do.	Portland, Mechanic Falls, Me. (Oct. 12-14, 1913).	do.	47. 40	Do.
Do.	do.	Portland, Mechanic Falls, Me. (Nov. 16-19, 1913).	do.	53. 35	Do.
Brown, E.	Botanist in charge, seed testing laboratory.	Richmond, Va. (Sept. 19-20, 1913).	To confer with customs office officials in regard to shipment of seed held under the seed importation act.	9. 20	General expenses, B. P. I., 1914 (seed testing laboratory).
Do.	do.	Rotterdam, Holland; Posen, Warsaw, Poland; Berlin, Germany; Vienna, Austria; Genoa, Italy; Marseille, Paris, France, and points en route (Oct. 27, 1912-Jan. 21, 1914).	To study the sources of production of commercial alfalfa seed in Europe.	1, 098. 56	Do.
Do.	do.	Chicago, Morris, Peoria, Ill.; Minneapolis, Minn.; Madison, Wis.; Lafayette, Ind. (June 3-14, 1914).	To make observations on the use of imported screenings, in connection with the work of the seed testing laboratory.	123. 29	Do.
Burt, C. J.	Scientific assistant.	Sunbury, Pileton, Ohio; Oconomowoc, Wis.; Lincoln, Johnson, Nebraska City, West Point, North Platte, Mitchell, Nebr.; Aberdeen, Fulton, S. Dak.; Laramore, Hutton, Wahpeton, N. Dak.; Hawarden, Iowa (May 5-June 30, 1914).	To supervise planting, thinning, and other work in connection with the improvement of corn and methods of corn production.	290. 42	General expenses, B. P. I., 1914 (corn improvement).
Campbell, A. B.	Mechanical assistant.	Baltimore, Md. (Oct. 8-14, 1913).	To study and develop apparatus necessary in connection with the work of biophysical investigations.	6. 35	General expenses, B. P. I., 1914 (biophysical investigations).
Carleton, M. A.	Cerealist in charge of cereal investigations.	Ithaca, N. Y.; North Platte, Sidney, Nebr.; Cheyenne, Wyo.; Bozeman, Billings, Moccasin, Mont.; Williston, Fargo, N. Dak.; Brookings, S. Dak.; Minneapolis, Minn.; Manhattan, Hays, Kans.; Chicago, Ill. (Aug. 19-Sept. 12, 1913).	To inspect cereal work at bureau stations and confer with officials of agricultural experiment stations regarding cooperative work with cereals.	295. 64	General expenses, B. P. I., 1914 (cereal investigations).
Do.	do.	Tulsa, Okla.; Amarillo, Dalhart, College Station, Tex. (Oct. 22-Nov. 9, 1913).	do.	191. 35	Do.
Do.	do.	Ithaca, N. Y.; Philadelphia, Pa. (Jan. 21-24, 1914).	To confer with officials of Cornell experiment station regarding cooperative grain work and study export grain trade in Philadelphia.	34. 24	Do.

Do.	Do.	Chicago, Ill. (Feb. 16-18, 1914).	To confer with commercial men regarding the flaxseed industry of the United States.	51.25	Do.
Do.	Do.	Beaumont College Station, Tex. (Mar. 8-15, 1914.)	To investigate conditions of rice cultivation and rice markets.	121.13	Do.
Do.	Do.	Houston, San Antonio, Amarillo, Dalhart, Austin, College Station, Lubbock, Tex.; Tucumcari, Nera Visa, N. Mex.; Muskegon, Oklahoma City, Sapulpa, Okla.; Manhattan, Kans. (May 18-June 2, 1914.)	To inspect cereal work at field stations and arrange further cooperative experiments with cereals.	194.25	Do.
Carr, George E.	Assistant.	Danville, Va.; Clemson College, S. C. (Oct. 6-Dec. 23, 1913).	To assist with cotton-spinning tests conducted by the office of cotton standardization. To conduct experiments at the textile school with Egyptian and sea island cotton.	230.85	General expenses, B. P. I., 1914 (cotton testing).
Do.	Do.	New Bedford, Mass. (June 10-13, 1914).		55.35	General expenses, B. P. I., 1914 (cotton standardization).
Chambers, W. E.	Technologist.	Danville, Va. (Aug. 2-29, 1913)	To conduct cotton-spinning tests in connection with cotton standardization.	19.30	Do.
Chamberlin, P. A.	Assistant pomologist.	Fort Valley, Ga. (July 3-26, 1913)	To secure temperature records of fruits in transit for use in fruit transportation and storage investigations.	171.04	General expenses, B. P. I., 1914 (pomological investigations).
Do.	Do.	Pittsburgh, Pa.; Sacramento, Lodi, Fresno, Cal.; New Orleans, La.; Chattanooga, Tenn.; Richmond, Aquia Creek, Va. (Sept. 1-Oct. 19, 1913)	do.	385.70	Do.
Chandler, H. F.	Assistant.	Chicago, Ill.; Mandan, N. Dak.; Bellingham, Seattle, Wash.; Chico, Sacramento, Los Angeles, Indio, Riverside, Cal.; New Orleans, La. (Sept. 12-Nov. 16, 1913).	To confer with officials in charge of plant introduction gardens relative to cooperative work in the propagation and testing of foreign seeds and plants, and to make a complete inventory of plant material available for distribution.	432.00	General expenses, B. P. I., 1914 (foreign seed and plant introduction).
Chilcott, E. C.	Agriculturist in charge of dry land investigations.	Mandan, N. Dak.; Huntley, Billings, Great Falls, Hobson, Mont.; Ardmore, S. Dak.; Denver, Akron, Colo.; Dalhart, Amarillo, Tex.; Tucumcari, N. Mex.; Garden City, Dodge City, Kans. (July 7-Aug. 25, 1913).	To inspect experiment work in progress at the various field stations in connection with the dry land agriculture investigations.	522.86	General expenses, B. P. I., 1914 (dry land agriculture).
Do.	Do.	Woodward, Okla. (Feb. 9-27, 1914).	To arrange for the erection of new field buildings.	79.50	Do.
Do.	Do.	Lawton, Okla.; Midland, Big Springs, Tex. (June 21-30, 1914).	To inspect work in progress and look over sites for proposed new stations.	145.70	Do.
Clark, W. Blair.	Assistant chemist.	New York, N. Y.; Boston, Mass.; points within and throughout the State of Maine (May 8-20, 1914).	To investigate shipping and potato warehouse conditions as a basis for drafting regulations under the powdery-scab-of-potato quarantine.	106.05	Enforcement of the plant quarantine act, 1914.
Cobb, N. A.	Agricultural technologist in charge of cotton standardization.	Danville, Va. (Aug. 27-29, 1913)	To conduct cotton-spinning tests for the purpose of determining waste, tensile strength, and bleaching qualities of different grades of cotton as standardized by the Government.	19.30	General expenses, B. P. I., 1914 (cotton testing).
Do.	Do.	Danville, Va. (Oct. 23-29, 1913)	do.	17.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required constantly to travel (who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Collins, G. N.	Botanist.	Shiprock, Gallup, Zuni, N. Mex.; San Marino, Altadena, Indio, El Centro, Cal.; Yuma, Ariz. (Sept. 4-Oct. 7, 1913).	To study the varieties of corn and other plants of tropical origin cultivated in the Southwestern States, in connection with crop acclimatization and adaptation.	\$365.85	General expenses, B. P. I., 1914 (crop acclimatization).
Cook, O. F.	Bionomist.	San Diego, Los Angeles, Santa Barbara, Riverside, San Francisco, Bard, Cal.; Sacaton, Ariz.; San Antonio, Greenville, Tex. (July 1-24, 1913).	To inspect experimental plantings of cotton and corn and study the acclimatization and adaptation of these and other tropical plants in the Southwestern States.	140.85	Do.
Do.	do.	Charleston, S. C. (Aug. 8-11, 1913).	To study the acclimatization, breeding, and culture of sea-island cotton.	54.43	Do.
Do.	do.	Shiprock, Gallup, Zuni, Polacco, N. Mex.; San Marino, Altadena, El Centro, Indio, Bard, Cal.; Mesa, Sacaton, Ariz.; San Antonio, Greenville, Kerrville, Victoria, Tex.; Greenville, S. C. (Sept. 4-Oct. 27, 1913).	To inspect experimental plantings of cotton and corn, and study the acclimatization and adaptation of these and other tropical plants in the Southwestern States.	494.50	Do.
Do.	do.	Norfolk, Va., and vicinity (Oct. 28-31, 1913).	To study the experiments in acclimatization and breeding of cotton.	17.55	Do.
Do.	do.	Miami, Little River, Key West, Tampa, Brooksville, Fla. (Mar. 16-Apr. 3, 1914).	To study experiments with introduced varieties of cotton and other crop plants, and make arrangements for further experiments in connection with the acclimatization and adaptation of cotton and other tropical plants.	166.85	Do.
Corbett, L. C.	Assistant chief of bureau.	Athens, Ga.; Glen St. Mary, Bradentown, Winterhaven, Gainesville, Orlando, Fla. (Jan. 18-Feb. 1, 1914).	To confer with State and county demonstration agents relative to bureau work, and inspect the transportation, packing, and pre-cooling work of the bureau.	131.71	General expenses, B. P. I., 1914 (administrative and miscellaneous).
Do.	do.	Ithaca, N. Y. (Feb. 7-12, 1914).	To confer with State agents regarding their demonstration work; and attend the farmers' week conference at the New York State College of Agriculture.	35.86	Do.
Corbett, L. L.	Assistant farm superintendent.	Baltimore, Md. (May 24-28, 1914).	To investigate equipment on truck farms, in greenhouses, etc., in connection with farm equipment investigations conducted by the office of farm management.	14.55	General expenses, B. P. I., 1914 (farm management).
Do.	do.	Baltimore, Md. (May 31-June 10, 1914).	do.	40.10	Do.
Do.	do.	Philadelphia, Pa., and vicinity (June 15-30, 1914).	do.	66.19	Do.

Coville, F. V.	Botanist in charge, economic and systematic botany.	New Lisbon, N. J. (July 21-23, 1913).	To inspect blueberry plantings, procure propagating material, and arrange further experiments with blueberries.	12.16	General expenses, B. P. I., 1914 (economic and systematic botany).
Do.	do.	Whitehall, Varney Bridges, Mont.; Ephraim, Utah (Aug. 11-Sept. 2, 1913).	To continue the grazing experiments and studies under way in connection with range investigations.	283.95	Do.
Do.	do.	New Lisbon, N. J. (Oct. 13-15, 1913).	To inspect blueberry plantings, procure propagating material, and arrange further experiments with blueberries.	14.81	Do.
Do.	do.	Westbury, L. I. (Nov. 25-26, 1913).	To confer with nurserymen regarding the propagation of the improved blueberries ready for introduction into commercial culture by the Department of Agriculture.	19.05	Do.
Crandall, E. L.	Photographer.	New Lisbon, N. J. (July 6-7, 1913).	To photograph experimental plantings of blueberries.	13.52	Do.
Do.	do.	Norfolk, Va. (Dec. 7-11, 1913).	To photograph experimental plots of vegetables in connection with the truck crop fertilizer investigations.	20.00	General expenses, B. P. I., 1914 (horticultural investigations).
Do.	do.	Wyoming, Reading, Pa.; Rochester, N. Y. (May 31-June 25, 1914).	To photograph experimental peonies in connection with horticultural investigations.	137.31	Do.
Creswell, C. F.	Assistant.	Little Rock, Atkins, Scott, Ark.; Chandler, Kingfisher, Anadarko, McAlester, Ardmore, Tulsa, Okla.; and adjacent points. (Sept. 27, 1913-Jan. 2, 1914).	To assist in a comprehensive survey of cotton marketing and handling methods and conditions, including the keeping of records of samples, lint, and seed cotton, their sources, grades, prices, and markets in which they are sold, etc.	326.44	General expenses, B. P. I., 1914 (cotton standardization).
Davis, H. M.	Laboratory aid.	Alphano, N. J.; New York, Elmira, Hornell, Arkport, Rochester, South Lima, Williamson, N. Y. (Oct. 15-31, 1913).	To assist in the storage work and harvesting of experimental celery in connection with horticultural investigations.	94.82	General expenses, B. P. I., 1914 (horticultural investigations).
Dewey, L. H.	Botanist in charge, fiber plant investigations.	New Orleans, Baton Rouge, La. (Aug. 4-17, 1913).	To supervise the installation of a ramie fiber-cleaning machine, and the preparation for cleaning and shipping of cooperative experimental fiber, and to inspect ramie plant growing in the vicinity.	140.30	General expenses, B. P. I., 1914 (crop technology).
Doyle, Conrad B.	Scientific assistant.	San Diego, Los Angeles, Santa Barbara, Riverside, Bard, Cal.; Sacaton, Ariz.; San Antonio, Greenville, Tex. (July 1-25, 1913).	To assist in the study and selection of cotton varieties in connection with the experiments in acclimatization and breeding of cotton.	113.95	General expenses, B. P. I., 1914 (crop acclimatization).
Do.	do.	Norfolk, Va. (Oct. 28-31, 1913).	do.	16.55	Do.
Do.	do.	New Orleans, La.; Puerto Barrios Livingston, Panos, Trece Aguas, Cacao, Coban, Guatemala City, Antigua, Guatemala (Apr. 14-June 17, 1914).	To study, report upon, and secure selected seed of weevil-resistant cotton; to note tropical varieties of corn and other plants which can be grown in the cotton-producing States, and to secure selected seed and propagated stock of superior varieties of avocados, shayotes, anonas, and other tropical fruits, and economic palms.	639.25	General expenses, B. P. I., 1914 (foreign seed and plant introduction).
Duvel, J. W. T.	Crop technologist in charge of grain standardization.	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (Sept. 2-15, 1913).	To confer with grain dealers and others relative to standard grades of corn in connection with investigations in handling, grading, and transportation of grain.	52.61	General expenses, B. P. I., 1914 (grain standardization).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Duvel, J. W. T.	Crop technologist in charge of grain standardization.	Louisville, Ky.; Nashville, Tenn.; New Orleans, La.; St. Louis, Mo.; Des Moines, Iowa; Chicago, Ill. (Oct. 9-24, 1913).	To confer with grain dealers and others relative to standard grades of corn in connection with investigations in handling, grading, and transportation of grain.	\$103.68	General expenses, B. P. I., 1914 (grain standardization).
Do.	do.	Chicago, Ill. (Dec. 6-12, 1913).	do.	71.80	Do.
Do.	do.	Norfolk, Va. (May 28-June 1, 1914).	do.	22.80	Do.
Eliff, W. E.	Assistant.	Glen St. Mary, Fla. (Jan. 17-Feb. 13, 1914).	To assist with the citrus-breeding work, including the distribution of citrus hybrids grown at the nurseries there.	50.25	General expenses, B. P. I., 1914 (crop physiology).
Etherton, W. A.	Farm architect.	Lexington, Bowling Green, Ky.; Chicago, Ava, Carbondale, Ill.; Birmingham, Ala.; Monroe, La.; Stillwater, Oklahoma City, Kingfisher, Okla.; Kansas City, Mo.; Minneapolis, Minn.; Madison, Janesville, Wis. (Aug. 1-Sept. 24, 1913).	To study the housing needs of farmers as an aid to the development of model farmhouse plans and to the remodeling and modernizing old farmhouses, with particular attention to sanitation and the installation of heating, plumbing, and lighting systems, in connection with farm economics and farm management.	319.35	General expenses, B. P. I., 1914 (farm management).
Do.	do.	Louisville, Ky. (Apr. 5-11, 1914).	do.	51.02	Do.
Do.	do.	Champaign, Urbana, Ill.; Storm Lake, Ames, Spencer, Iowa, and adjacent points (June 12-29, 1914).	do.	142.81	Do.
Fairchild, David.	Agricultural explorer.	Manhattan, Kans. (Oct. 26-Nov. 2, 1913).	To attend fiftieth anniversary of the founding of the Kansas Agricultural College.	106.75	Contingent expenses, Department of Agriculture, 1914.
Do.	do.	Miami, Key West, Brooksville, Tampa, Tallahassee, Fernandina, Fla. (Mar. 16-Apr. 6, 1914).	To confer with cooperators, inspect experiments at the field stations, and arrange further propagation and testing of foreign seeds and plants.	198.68	General expenses, B. P. I., 1914 (foreign seed and plant introduction).
Fletcher, W. F.	Scientific assistant.	New York, N. Y. (Oct. 16-17, 1913).	To inspect experimental shipments of pears on arrival at that point.	18.05	General expenses, B. P. I., 1914 (pomological investigations).
Do.	do.	Vineland, Atlantic City, West Creek, N. J. (May 28-June 10, 1914).	To gather grape pollen from experimental vineyard for distribution in the South, and to study other fruits in connection with the fruit-production investigations.	49.99	Do.
Garner, W. W.	Physiologist in charge tobacco investigations.	Wilson, Greenville, N. C. (July 14-16, 1913).	To inspect the tobacco experiments, and to confer with field agents regarding the work of tobacco investigations.	23.60	General expenses, B. P. I., 1914 (tobacco investigations).
Do.	do.	Henderson, Oxford, N. C.; Skipwith, Va. (July 23-28, 1913).	do.	25.40	Do.

Do.	do.	Upper Marlboro, Md.; Roldsville, N. C.; Lock Haven, Pa. (Aug. 6-17, 1913).	43.78	Do.	Enforcement of the plant quarantine act, 1914.
Do.	do.	Suffield, Ellington, Conn. (Aug. 28-Sept. 6, 1913).	58.42	Do.	General expenses, B. P. I., 1914 (corn improvement).
Do.	do.	Lexington, Hopkinsville, Ky.; Clarksville, Tenn. (Sept. 10-16, 1913).	74.80	Do.	Do.
Do.	do.	Henderson, Oxford, Raleigh, N. C. (Feb. 1-5, 1914).	33.55	Do.	Do.
Do.	do.	New York, N. Y. (Apr. 13-29, 1914).	20.28	Do.	Do.
Gilbert, W. W.	Pathologist.	New York, N. Y. (Oct. 28-Nov. 1, 1913).	25.80	Do.	Do.
Do.	do.	New York, N. Y. (Dec. 14-17, 1913).	20.84	Do.	Do.
Harley, C. P.	Physiologist in charge of corn improve- ment.	Grassymead, Va.; Pikeston, Ohio (July 8-19, 1913).	53.82	Do.	Do.
Do.	do.	Pikeston, Ohio (Aug. 2-10, 1913).	52.32	Do.	Do.
Do.	do.	Ithaca, Rhinecliff, N. Y.; Newton, N. J. (Aug. 13-21, 1913).	54.88	Do.	Do.
Do.	do.	Rhinebeck, N. Y. (Sept. 12-20, 1913).	30.59	Do.	Do.
Do.	do.	Oconomowoc, Wis.; Pikeston, Ohio (Sept. 24-Oct. 26, 1913).	214.53	Do.	Do.
Do.	do.	Pikeston, Ohio (Dec. 15-20, 1913).	50.51	Do.	Do.
Do.	do.	Mansfield, Ohio (Jan. 27-31, 1914).	42.35	Do.	Do.
Do.	do.	Pikeston, Ohio (May 4-15, 1914).	56.71	Do.	Do.
Do.	do.	Rhinecliff, Rhinebeck, N. Y. (May 26-30, 1914).	42.53	Do.	Do.
Harter, L. L.	Pathologist.	Vineland, N. J. (Aug. 10-12, 1913).	21.44	Do.	Do.
Do.	do.	Norfolk, Cape Charles, Va. (Aug. 26-30, 1913).	29.45	Do.	Do.
Do.	do.	Laurel, Del.; Moorestown, Cambridge, Swedesboro, Vineland, N. J. (Sept. 3-10, 1913).	56.43	Do.	Do.
Do.	do.	Manassas, Va.; Vineland, N. J. (Sept. 16- Oct. 3, 1913).	25.44	Do.	Do.
Do.	do.	Vineland, N. J. (Oct. 13-22, 1913).	49.27	Do.	Do.
Do.	do.	Norfolk, Va. (Dec. 9-11, 1913).	12.20	Do.	Do.
Do.	do.	Vineland, N. J.; Hurluck, Md. (Apr. 13-17, 1914).	40.48	Do.	Do.
Do.	do.	Vineland, N. J. (May 29-June 4, 1914).	34.52	Do.	Do.
Do.	do.	Norfolk, Va. (June 9-14, 1914).	30.03	Do.	Do.
Do.	do.	Vineland, N. J. (June 24-27, 1914).	22.57	Do.	Do.
Hawthorne, H. W.	Scientific assistant.	Americus, Plains, Leslie, Ga. (Apr. 20- May 25, 1914.)	202.96	Do.	Do.
		To assist in a farm management survey in con- nection with farm economic investigations.		Do.	General expenses, B. P. I., 1914 (farm management).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hillman, F. H.	Assistant botanist.	Baltimore, Md. (Sept. 17, 1913)	To purchase seed in connection with the work of the seed-testing laboratory.	\$4.00	General expenses, B. P. I., 1914 (seed-testing laboratory).
Do.	do.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913)	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	154.94	International Dry Land Congress at Tulsa, Okla., 1913-14.
Hird, J. D.	Laboratory aid.	Akron, Colo. (May 1-June 2, 1914)	To carry on experiments in the water requirements of plants in connection with biophysical investigations.	93.63	General expenses, B. P. I., 1914 (biophysical investigations).
Hutchins, L. M.	Scientific assistant.	Winchester, Coveseville, Va. (June 8-17, 1914)	To investigate an apricot disease, in connection with fruit-disease investigations.	21.60	General expenses, B. P. I., 1914 (fruit diseases).
Jodidi, S. L.	Organic chemist.	Bluemont, Va. (Oct. 2-3, 1913)	To collect chestnut bark in connection with chestnut bark disease investigations.	9.00	Investigating the chestnut tree bark disease, 1914.
Kause, R. L.	Laboratory aid.	Danville, Va. (Nov. 4-29, 1913)	To assist with the preparation of cotton for spinning tests in connection with cotton-grading investigations.	83.35	General expenses, B. P. I., 1914 (cotton testing).
Kett, G. W.	Scientific assistant.	Cornelia, Ga. (Dec. 16-31, 1913)	To take notes on inoculation experiments on peach scab, in connection with fruit-disease investigations.	26.45	General expenses, B. P. I., 1914 (fruit diseases).
Kollerman, K. F.	Physiologist in charge bacteriology and nutrition.	San Antonio, Tex.; Tucson, Casa Grande, Sacaton, Chandler, Mesa, Phoenix, Tempe, Ariz.; Berkeley, Riverside, Indio, Bakersfield, Macca, El Centro, Fresno, Cal. (Oct. 17-Nov. 19, 1913).	To collect soil samples for bacteriological analyses in the laboratory, and to study various problems in connection with plant nutrition.	219.35	General expenses, B. P. I., 1914 (bacteriology and nutrition).
Lake, E. R.	Pomologist.	Geneva, Rochester, Syracuse, Lockport, N. Y. (Sept. 7-13, 1913).	To secure cherry buds for experimental work, and investigate walnut trees and conditions.	52.45	General expenses, B. P. I., 1914 (pomological investigations).
Do.	do.	Richmond, Va. (Jan. 22-24, 1914)	To collect data in connection with fruit history investigations.	7.00	Do.
Do.	do.	Cleveland, Ohio (June 23-30, 1914)	To continue work in connection with fruit nomenclature and fruit history investigations.	50.00	Do.
Lloyd, F. E.	Collaborator.	Auburn, Ala.; Raleigh, N. C.; Clemson College, S. C. (Aug. 11-24, 1913).	To complete experiments on the shedding of cotton bolls, in connection with cotton and truck disease investigations.	55.00	General expenses, B. P. I., 1914 (cotton and truck diseases).
McLennan, Robert.	Gardener.	Minneapolis, Minn. (Aug. 17-24, 1913)	To inspect and investigate greenhouse appliances and new ornamental plants suitable for congressional distribution.	90.55	Purchase and distribution of valuable seed, 1914 (congressional seed distribution).

Mann, A.	Plant morphologist.	Baltimore, Md.; Philadelphia, Pa.; Camden, N. J.; New York City; Jersey City, N. J. (Sept. 22-25, 1913).	To carry on examinations of methods for detecting spoilage in tomato pulp, in connection with the enforcement of the food and drugs act.	23.69	Enforcement of the food and drugs act, 1914.
Melphus, I. E.	Pathologist.	New York, N. Y. (Nov. 19-22, 1913).	To inspect imported potatoes.	23.88	Enforcement of the plant quarantine act, 1914.
Do.	do.	New York, N. Y. (Dec. 14-17, 1913).	do.	24.69	Do.
Do.	do.	Houlton and other points in Maine; Fredericton and other points in the Province of New Brunswick, Canada (Feb. 5-24, 1914).	To cooperate with Maine State inspectors relative to the inspection of potatoes for powdery scab; to consult with the secretary for agriculture and other officials in New Brunswick on the subject of inspection of potatoes for powdery scab.	143.73	Do.
Metcalf, Haven.	Pathologist in charge, forest pathology.	Philadelphia, Harrisburg, Pa. (July 6-Aug. 1, 1913, 2 trips).	To confer with members of the chestnut tree blight commission regarding work on the chestnut tree bark disease.	21.95	Investigating the chestnut tree bark disease, 1914.
Do.	do.	New York, N. Y.; Philadelphia, Pa. (Aug. 3-7, 1913).	To confer with bureau officials and cooperate regarding the work of investigating the chestnut tree bark disease.	20.50	Do.
Do.	do.	Martic Forge, Lancaster, Philadelphia, Pa. (Sept. 19-21, 1913).	do.	12.80	Do.
Do.	do.	New York, Cold Spring Harbor, Huntington, Brooklyn, N. Y. (Oct. 12-17, 1913).	To continue investigations of the chestnut tree bark disease.	25.34	Do.
Do.	do.	Philadelphia, Pa. (Oct. 28-30, 1913).	To consult with field men and cooperators regarding cooperative work in controlling the spread of the chestnut tree bark disease.	13.18	Do.
Do.	do.	Philadelphia, Pa.; New York, Richmond Hill, Brooklyn, N. Y. (Dec. 20-26, 1913).	do.	25.32	Do.
Do.	do.	Clemson College, S. C.; Atlanta, Ga.; Greensboro, Chapel Hill, Raleigh, N. C. (Dec. 29, 1913-Jan. 6, 1914).	do.	31.73	Do.
Do.	do.	Richmond, Va. (Feb. 9-10, 1914).	To confer with members of the State board of agriculture and the appropriation committee of the Virginia House of Delegates regarding the work in connection with the chestnut tree bark disease.	5.90	Do.
Do.	do.	New York, N. Y.; Providence, R. I.; Auburn, Portland, Me.; Boston, Mass.; New Brunswick, N. J.; Philadelphia, Pa. (Mar. 9-21, 1914).	To continue investigations of the chestnut tree bark disease.	41.50	Do.
Do.	do.	Baltimore, Md.; Philadelphia, Pa. (May 13-16, 1914).	do.	14.25	Do.
Do.	do.	Trenton, N. J. (June 24-26, 1914).	do.	9.40	Do.
Moore, A. H.	Assistant botanist.	Rochester, Geneva, N. Y. (May 16-June 4, 1914).	To collect herbarium specimens in connection with the work of economic and systematic botany.	75.00	General expenses, B. P. I., 1914 (economic and systematic botany).
Morse, W. J.	Scientific assistant.	Raleigh, N. C.; Monetta, S. C.; Augusta, Ga.; Gainesville, Fla.; Auburn, Ala.; Knoxville, Tenn.; Blacksburg, Va. (Aug. 26-Sept. 6, 1913).	To inspect experiments with cowpeas, soy beans, and other forage crops.	111.75	General expenses, B. P. I., 1914 (forage-crop investigations).
Do.	do.	Wooster, Ohio; Madison, Wis.; Lafayette, Ind.; Lexington, Ky. (Sept. 21-28, 1913).	do.	80.20	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mowry, H. H.	Assistant.	Manchester, N. H.; Hoosick Falls, Central Bridge, Oneonta, Owego, Hobart, Auburn, Rochester, Syracuse, N. Y. (Aug. 25-Sept. 12, 1913).	To collect data on the equipment of dairy, tobacco, and fruit farms and the adaptation and operation of equipment for handling various crops, in connection with farm management investigations.	\$99.17	General expenses, B. P. I., 1914 (farm management).
Do.	do.	Waynesboro, Lansdale, Doylestown, Lancaster, Williamsport, Fair Haven, Baldwinville, Syracuse, N. Y. (Oct. 8-19, 1913).	do.	69.46	Do.
Mulford, F. L.	Landscape gardener.	Columbia, Alken, Darlington, Sumter, Camden, S. C.; Columbus, Macon, Atlanta, Savannah, Ga.; Birmingham, Montgomery, Tuscaloosa, Mobile, Ala.; Columbus, Jackson, Vicksburg, Miss.; New Orleans, Baton Rouge, La.; Pensacola, Tallahassee, Gainesville, Palatka, Jacksonville, Fla. (Aug. 3-30, 1913).	To carry on investigations with vegetables, peanuts, etc., and study various problems in connection with the horticultural work of the bureau.	252.54	General expenses, B. P. I., 1914 (horticultural investigations).
Do.	do.	Louisville, Ky. (Oct. 23-26, 1913).	do.	39.00	Do.
Do.	do.	Norfolk, Va.; Charleston, S. C.; Augusta, Ga. (Nov. 10-16, 1913).	To make plans for the planting of grounds around the Government fish hatchery.	49.45	Do.
Do.	do.	Greensboro, Charlotte, Wilmington, N. C.; Columbia, Darlington, Camden, Sumter, Florence, S. C.; Richmond, Va. (Feb. 23-Mar. 4, 1914).	To study various trees and plants in connection with landscape gardening.	56.88	Do.
Do.	do.	Norfolk, Va. (May 4-6, 1914).	do.	13.60	Do.
Murphy, H. T.	Photographer.	Sacaton, Maricopa, Tempe, Ariz.; Indio, Mecca, Palm Springs, Cal. (Oct. 15-Nov. 30, 1913).	To photograph plant specimens, take notes on field crops, and assist in making an inventory of botanical publications in connection with the office of crop physiology.	295.60	General expenses, B. P. I., 1914 (crop physiology).
Murray, R. W.	Assistant.	Newport, Camden, Little Rock, Ark.; McAlester, Oklahoma, Durant, Ardmore, Poteau, Okla.; Chillicothe, Fort Worth, Tex., and other points en route (May 30-June 6, 1914).	To investigate cotton-market conditions and secure data relative to cotton marketing and handling.	188.92	General expenses, B. P. I., 1914 (cotton standardization).
Oakley, R. A.	Agronomist in charge congressional seed distribution.	Highmore, Mitchell, Aberdeen, Eureka, S. Dak.; Edgeley, Dickinson, N. Dak.; Moccasin, Mont.; Salt Lake, Utah; Denver, Rocky Ford, Colo.; Amarillo, Chillicothe, Tex.; Manhattan, Kans. (July 1-Aug. 15, 1913).	To make arrangements covering the purchase of drought-resistant field seeds, and secure data regarding varieties best adapted for distribution in the semiarid regions.	310.34	Purchase and distribution of valuable seeds, 1914 (drought-resistant seeds).

Do.....	Blacksburg, Va. (Sept. 16-19, 1913).....	To inspect the pasture and meadow experiments being conducted by the office of forage crop investigations.	29.25	General expenses, B. P. I., 1914 (forage-crop investigations).
Do.....	Philadelphia, Pa. (Oct. 9, 1913).....	To inspect tests of grasses.	7.15	Do.
Do.....	Brookings, S. Dak. (Oct. 24-31, 1913).....	To inspect cooperative tests with alfalfa.	98.90	Do.
Do.....	Richmond, Va. (Jan. 19-20, 1914).....	To arrange cooperative tests with alfalfa.	9.10	Do.
Do.....	Huron, Redfield, S. Dak. (Apr. 1-7, 1914).....	To inspect cooperative experiments and locate a tract of land for further tests with alfalfa.	101.59	Do.
Orton, W. A.....	Moorestown, Vineland, Trenton, N. J.; Boston, Mass.; Orono, Houlton, Me.; St. Johns, Fairfax, Va.; Honey Falls, N. Y.; Racine, Waupaca, Madison, Wis.; Minneapolis, Elk River, Minn.; Fargo, N. Dak.; Mitchell, Nebr. (July 21-Aug. 21, 1913).	{ Pathologist in charge cotton and truck diseases and sugar-plant investigations.	192.99	General expenses, B. P. I., 1914 (cotton and truck diseases).
			120.73	General expenses, B. P. I., 1914 (sugar-plant investigations).
Do.....	Camden, Moorestown, N. J. (Sept. 12-13, 1913).	To investigate diseases of tomatoes.	17.17	General expenses, B. P. I., 1914 (cotton and truck diseases).
Do.....	Pittsburgh, Pa.; Toledo, Ohio.; Lansing, Mich.; Madison, Wis. (Sept. 29-Oct. 8, 1913).	To confer with bureau workers and experimental station officials relative to cooperative work on ensilage and truck-crop diseases.	92.14	General expenses, B. P. I., 1914 (pathological laboratory).
Do.....	Atlanta, Ga. (Dec. 29, 1913-Jan. 3, 1914).....	To attend meetings of the Association of Horticultural Inspectors and Phytopathologists in an endeavor to secure the fullest cooperation of these inspectors in the enforcement of the plant-quarantine act.	58.15	Enforcement of the plant-quarantine act, 1914.
Do.....	New York, N. Y. (Jan. 13-15, 1914).....	To inspect imported potatoes and consult with importers and the collector of customs relative to such importations.	21.80	Do.
Do.....	Portland, Bangor, Augusta, Me. (Jan. 28-30, 1914).	To investigate potato and other truck-crop diseases and look into the potato quarantine.	58.25	General expenses, B. P. I., 1914 (cotton and truck diseases).
Do.....	Ithaca, N. Y. (Feb. 9-11, 1914).....	To inspect work on ensilage diseases in progress at Cornell University for the Bureau of Plant Industry.	31.68	General expenses, B. P. I., 1914 (pathological laboratory).
Do.....	Sarasota, Bradentown, Manatee, Orlando, Ft. St. Deland, Sanford, Fla. (Mar. 7-15, 1914).	To study diseases of truck crops and arrange experiments for their control.	88.05	General expenses, B. P. I., 1914 (cotton and truck diseases).
Do.....	New York, N. Y.; Boston, Mass.; Houlton and other points in Maine (Mar. 27-Apr. 4, 1914).	To confer with the inspector of the Federal Horticultural Board at the port of New York, potato shippers at Boston, and Maine potato growers, shippers, and State officials relative to a Federal quarantine of Maine potatoes on account of powdery scab.	73.60	Enforcement of the plant-quarantine act, 1914.
Do.....	Wilmington, Del. (May 23, 1913).....	To confer with tomato growers and canners relative to cooperative spraying experiments.	5.45	General expenses, B. P. I., 1914 (cotton and truck diseases).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pease, R. W.	Assistant.	Greensboro, Swepsonville, Rowland, Lumberton, Raleigh, N. C.; Barnwell, Charleston, Orangeburg, S. C.; Statesboro, Savannah, Ga. (June 9-30, 1914)	To conduct a farm-management survey with a view of determining the general farm practice and tillage methods employed in growing cotton in connection with special farm-management field studies.	\$127. 70	General expenses, B. P. I., 1914 (farm management).
Piper, C. V.	Agrostologist in charge investigations.	Ithaca, N. Y.; New London, Ohio (July 9-12, 1913).	To inspect forage-crop tests and arrange experiments in connection with the investigation and improvement of forage crops and methods of forage-crop production.	50. 00	General expenses, B. P. I., 1914 (forage-crop investigations).
Do.	do.	Richmond, Williamsburg, Va. (July 15-16, 1913).	do.	18. 40	Do.
Do.	do.	Lynchburg, Va. (Aug. 8-9, 1913).	do.	14. 28	Do.
Do.	Agrostologist in charge forage-crop investigations.	Lexington, Louisville, Union, Ky.; Jackson, Tenn.; Starkville Agricultural College, West Point, Biloxi, Miss.; Baton Rouge, New Orleans, La.; Mobile, Ala. (Sept. 2-13, 1913).	To inspect forage-crop tests and arrange experiments in connection with the investigation and improvement of forage crops and methods of forage-crop production.	135. 07	Do.
Do.	do.	Philadelphia, Pa. (Oct. 9, 1913).	do.	7. 15	Do.
Do.	do.	Biloxi, Miss.; Lake City, Gainesville, Ocala, Brooksville, New Smyrna, Miami, Jacksonville, Fla. (Oct. 15-29, 1913).	do.	163. 35	Do.
Do.	do.	Huron, Redfield, S. Dak. (Apr. 1-7, 1914).	do.	101. 59	Do.
Do.	do.	Boston, Mass. (June 1-7, 1914).	do.	56. 72	Do.
Pratt, O. A.	Scientific assistant.	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y. (Dec. 10-14, 1913).	To inspect imported potatoes.	28. 75	Enforcement of the plant-quarantine act, 1914.
Price, N. V.	Assistant.	Freeland, Md. (Aug. 23-30, 1913).	To give instructions in home canning for the benefit of the garden and canning club, in connection with farm-management field studies and demonstrations.	8. 52	General expenses, B. P. I., 1914 (farm management).
Do.	do.	Baltimore, Md. (Feb. 4-5, 1914).	To attend a convention of the National Canners' Association, to study canning methods, canning outfits, etc., for use in home canning, in connection with the boys' and girls' agricultural club work.	9. 45	Do.
Do.	do.	Sharon, Greenville, Jamestown, Stoneboro, Jackson Center, Mercer, Pa. (Apr. 13-18, 1914).	To assist county agricultural agents in organizing girls' garden and canning clubs.	41. 41	Do.

Rabak, Frank.....	Chemical biologist.....	Terre Haute, Ind.; Madison, Milwaukee, Wis.; Marshalltown, Iowa, Chicago, Ill.; Detroit, Mich.; Cleveland, Akron, Ohio; Buffalo, Rochester, N. Y. (July 31-Oct. 22, 1913).	To conduct volatile-oil experiments and to investigate utilization of canner's wastes, in connection with drug-plant, physiological, and fermentation investigations.	175.34	General expenses, B. P. I., 1914 (drug and other plants).
Richardson, H. B.....	Assistant.....	Danville, Va. (Sept. 30-Nov. 23, 1913).	To assist with cotton-spinning tests, in connection with the sterilization of cotton.	151.60	General expenses, B. P. I., 1914 (cotton testing).
Ridgway, C. S.....	do.....	Upper Marlboro, Md. (July 18-Sept. 16, 1913).	To gather plant material for laboratory investigations in plant nutrition.	3.29	General expenses, B. P. I., 1914 (bacteriology and nutrition).
Rittue, E. C.....	do.....	Winchester, Staunton, Va. (Aug. 4-7, 1913).	To inspect experimental plats of sugar beets and investigate sugar-beet conditions.	21.11	General expenses, B. P. I., 1914 (sugar-plant investigations).
Do.....	do.....	Philadelphia, Pa. (May 2-4, 1914).	To inspect imported potatoes.	17.15	Enforcement of the plant-quarantine act, 1914.
Scales, F. M.....	Assistant mycologist.....	New Orleans, La. (Nov. 19-Dec. 20, 1913).	To conduct bacteriological investigations as to the effects on the fertilizing properties of manure, from an agricultural standpoint, when treated with the various insecticides and larvacides in an endeavor to destroy the fly maggot, and at the same time not destroy the fertilizing value of the manure.	180.55	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Scotfield, C. S.....	Agriculturist in charge western irrigation agriculture.	New York, N. Y. (Jan. 13-14, 1914).	To confer with thread manufacturers and others concerning problems connected with the marketing of Egyptian cotton grown in the Southwest.	14.55	General expenses, B. P. I., 1914 (western irrigation agriculture).
Do.....	do.....	Boston, Mass (Jan. 20-22, 1914).	do.....	38.90	Do.
Do.....	do.....	Hartford, Willimantic, Conn.; New York, N. Y. (Mar. 18-20, 1914).	do.....	23.50	Do.
Do.....	do.....	Liverpool, England (June 23-30, 1914).	To investigate the spinning and marketing conditions of Egyptian cotton.	274.92	Do.
Shaw, Harry B.....	Assistant pathologist.....	New York, N. Y. (Dec. 4-7, 1913).	To inspect imported potatoes.	27.72	Enforcement of the plant-quarantine act, 1914.
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Jan. 11-14, 1914).	do.....	22.59	Do.
Smith, C. B.....	Agriculturist.....	Denver, Colo.; Cheyenne, Wyo.; Logan, Utah; Caldwell, Moscow, Idaho; Walla Walla, Puyallup, Wash.; Portland, Corvallis, Oreg.; Chico, Berkeley, Cal.; Phoenix, Sacaton, Ariz.; Sedalia, Mo. (July 20-Aug. 30, 1913).	To consult with field agents, station and college officials relative to farm management, field studies, and demonstrations.	349.65	General expenses, B. P. I., 1914 (farm management).
Do.....	do.....	Lafayette, Ind.; Kalamazoo, Jackson, Mich. (Oct. 12-19, 1913).	do.....	76.35	Do.
Do.....	do.....	Champaign, Chicago, Ill.; Kalamazoo, Grand Rapids, Lansing, Sparta, Detroit, Mich. (Jan. 21-Feb. 1, 1914).	do.....	98.67	Do.
Do.....	do.....	Chicago, Ill.; Lansing, Grand Rapids, Mich. (Mar. 2-11, 1914).	do.....	84.51	Do.
Do.....	do.....	Louisville, Ky. (Apr. 6-10, 1914).	do.....	46.40	Do.
Do.....	do.....	Chicago, Champaign, Ill.; Columbus, Ohio; Altoona, Pa. (May 10-16, 1914).	do.....	73.36	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Smith, C. B.	Agriculturist.	Chicago, Ill.; Fort Atkinson, Wis.; Lansing, Mich. (May 29-June 5, 1914).	To consult with field agents, station and college officials relative to farm management, field studies, and demonstrations.	\$78.83	General expenses, B. P. I., 1914 (farm management).
Do.	do.	Boston, Mass.; Kingston, R. I. (June 16-19, 1914).	do.	35.85	Do.
Spillman, W. J.	Agriculturist in charge farm management.	Montgomery, Uniontown, Ala.; Biloxi, Miss.; Southdown, Raceland, La.; Tallahassee, Fla. (July 21-31, 1913).	To study methods of management of farms, and confer with representatives of the office, State officials, and others relative to various features of farm management investigations.	130.92	Do.
Do.	do.	Hubert, Minn.; Carbondale, Colo.; Manhattan, Kans.; Springfield, Hayti, Mo.; Dunleith, Miss. (Aug. 16-Sept. 7, 1913).	do.	160.51	Do.
Do.	do.	Lancaster, Scranton, Pa. (Oct. 9-13, 1913).	do.	43.96	Do.
Do.	do.	Chicago, Ill.; Konis, Ind.; St. Louis, Tulsa, Okla. (Oct. 26-Nov. 1, 1913).	do.	114.22	Do.
Do.	do.	Rochester, N. Y.; Lafayette, Ind. (Jan. 8-17, 1914).	do.	94.21	Do.
Do.	do.	Concord, N. H. (Feb. 10-13, 1914).	do.	40.80	Do.
Stockberger, W. W.	Physiologist.	Gainesville, Brooksville, St. Petersburg, Bradenton, Tampa, Fla.; Florence, S. C. (July 23-Aug. 2, 1913).	To inspect experimental work with drug and related plants and consult cooperators, dealers, and others regarding various phases of drug-plant investigations.	86.55	General expenses, B. P. I., 1914 (drug and other plants).
Do.	do.	Nashville, Tenn. (Aug. 18-23, 1913).	do.	64.00	Do.
Do.	do.	Orlando, Jacksonville, Fla.; Florence, S. C. (Dec. 13-23, 1913).	do.	50.85	Do.
Do.	do.	Orlando, Jacksonville, Fla.; Florence, S. C. (May 17-24, 1914).	do.	76.44	Do.
Do.	do.	Newark, Ohio; Madison, Oshkosh, Omro, Wis.; Chicago, Ill. (June 12-27, 1914).	do.	79.51	Do.
Stubenrauch, A. V.	(Pomologist in charge pomological and horticultural investigations.)	(Berkeley, Stockton, Oakville, Fresno, Visalia, Riverside, Los Angeles, Cal.; Hood River, Medford, Salem, Corvallis, Oreg.; Wenatchee, Seattle, North Yakima, Wash.; Jerome, Idaho (Sept. 7-Nov. 16, 1913).	To review and supervise the field work of the Office of Pomological and Horticultural Investigations.	353.72	General expenses, B. P. I., 1914 (pomological investigations).
Do.	do.	(San Francisco, Berkeley, Riverside, Los Angeles, Cal.; New Orleans, Independence, La.; Tampa, Palmetto, Orlando, Jacksonville, Fla. (Jan. 7-Feb. 1, 1914).	do.	174.75	General expenses, B. P. I., 1914 (horticultural investigations).
Do.	do.			35.82	General expenses, B. P. I., 1914 (pomological investigations).
Do.	do.			108.20	General expenses, B. P. I., 1914 (horticultural investigations).

Taylor, Fred.....	Cotton technologist.....	New York, N. Y., Providence, R. I.; Fall River, New Bedford, and Boston, Mass. (Jan. 4-12, 1914).	To confer with cotton brokers and mill treasurers in regard to present markets for Egyptian and sea-island cotton and to arrange with the New Bedford textile schools to carry on spinning tests.	72.10	Marketing and distributing farm products, 1914.
Do.....	do.....	Boston and New Bedford, Mass. (Jan. 20-27, 1914).	To discuss with spinners the community cotton work of the Office of Markets, and to arrange for spinning tests, under commercial conditions.	69.17	Do.
Do.....	do.....	New Bedford, Mass. (Feb. 14-Mar. 3, 1914).	To investigate conditions in the cotton industry and to carry on further tests on various samples of cotton in cooperation with the New Bedford textile schools.	105.30	Do.
Do.....	do.....	Liverpool and London, England (June 23-30, 1914).	To investigate the spinning of finer grades of Egyptian and other long-staple cotton.	274.93	Do.
Taylor, Wm. A.....	Chief of bureau.....	Tallah, Shreveport, Washington, Alexandria, Opelousas, Lafayette, New Iberia, New Orleans, Baton Rouge, Reserve, La. (Oct. 7-17, 1913).	To study conditions for establishing a stock-raising industry to take the place of the sugar-cane industry.	125.49	General expenses, B. P. I., 1914 (administrative and miscellaneous).
Thomson, E. H.....	Agriculturist.....	Elmira, Ithaca, Delhi, N. Y. (Aug. 4-11, 1913).	To confer with county and State officials in regard to methods of farm-survey work, in connection with farm management.	55.24	General expenses, B. P. I., 1914 (farm management).
Do.....	do.....	Parkesburg, Pa. (Aug. 21-22, 1913).....	To collect data relative to the farm-survey study made in Chester County, in connection with farm economics.	14.42	Do.
Do.....	do.....	Charlottesville, Va. (Aug. 30-Sept. 2, 1913).	To confer with field agents and assistants regarding apple-survey work.	22.00	Do.
Do.....	do.....	Rochester, Albion, Elmira, N. Y. (Sept. 21-25, 1913).	To confer with field agents and farmers regarding investigations in farm-cost accounting.	33.53	Do.
Do.....	do.....	Provo, Utah; Grand Junction, Colo.; Ames, Iowa (Oct. 11-29, 1913).	To select area for farm management survey study and to confer with field agents relative to farm cost accounting.	224.53	Do.
Do.....	do.....	Wooster, Ohio (Jan. 8-11, 1914).....	To confer with field agents and cooperators relative to farm cost accounting.	39.75	Do.
Do.....	do.....	Americus, Ga.; Selma, Uniontown, Montgomery, Ala. (Feb. 24-Mar. 7, 1914).	To select area for a farm management survey in the cotton district in connection with investigations in farm economics.	117.01	Do.
Do.....	do.....	Ithaca, Rochester, Spencerport, N. Y. (June 16-18, 1914).	To secure data on the cost of potato production in southern New York and continue farm cost accounting investigations.	27.51	Do.
Tidestrom, Ivar.....	Scientific assistant.....	Stroudsburg, Pocono, Summit, Pa. (July 21-22, 1913).	To collect herbarium specimens to be used in monographic work and for completing the department collection.	8.48	General expenses, B. P. I., 1914 (economic and systematic botany).
Do.....	do.....	Emporia, Va.; Augusta, Ga.; Palm Beach, Miami, St. Petersburg, Tampa, Oneco, Gotha, Orange City, Fla. (Sept. 21-Oct. 14, 1913).	do.....	154.90	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Tracy, J. E. W.	Assistant superintendent.	Bristol, Doylestown, Pa.; Milford, Wethersfield, Conn.; East Victor, Avon, Sudus Point, N. Y.; Lansing, St. John, Ovid, Detroit, Jackson, Birmingham, Grand Rapids, Petoskey, Holland, Grass Lake, Sturgis, Mich. (Aug. 13-Sept. 1, 1913).	To inspect seed crops grown for the department for the congressional distribution; inspect sugar beet tests being conducted by the department and consult with seedsmen and beet-sugar factory officials regarding the seed prospects for the coming year, and the production of sugar-beet seed.	\$178.36	Purchase and distribution of valuable seed, 1914 (congressional seed distribution).
Do.	do.	Sioux City, Iowa; Valley, Nebr.; Billings, Bozeman, Mont.; Fairfield, Bellingham, Ellensburg, Wash.; Kendrick, Idaho; Rocky Ford, Colo.; Peabody, Kans.; Waco, Wichita Falls, Tex. (Sept. 6-Oct. 3, 1913).	do.	377.31	Do.
Do.	do.	Baltimore, Md. (Feb. 3-5, 1914)	To confer with seedsmen and canners in regard to peas, with a view to purchasing for the congressional seed distribution.	10.25	Do.
Do.	do.	Philadelphia, Pa.; New York, N. Y.; Newark, N. J. (Apr. 21-22, 1914).	To inspect and purchase seed supplies, in connection with the congressional seed distribution.	27.27	Do.
Do.	do.	Philadelphia, Pa.; New York, Albany, N. Y.; Fitchburg, Boston, Mass. (June 1-10, 1914).	To inspect seed and grain plants where they are using filled-bag closing machines, with a view to purchasing for use in congressional seed distribution.	82.57	Do.
Tracy, W. W., sr.	Superintendent of testing gardens.	Toledo, Ohio; Grand Rapids, Lansing, Rochester, Detroit, Mich. (Sept. 30-Oct. 12, 1913).	To study vegetable culture and attend the Vegetable Growers' Association, and inspect various trial grounds of vegetables and flowers, in connection with horticultural investigations.	87.29	General expenses, B. P. I., 1914 (horticultural investigations).
Do.	do.	St. Paul, Minneapolis, Minn.; Chicago, Ill. (Dec. 6-12, 1913).	To confer with vegetable growers and inspect greenhouses in the interest of vegetable culture.	86.10	Do.
True, R. H.	Physiologist in charge drug and other plants.	Martie Forge, Pa. (Sept. 19-20, 1913)	To inspect work of tree medication, in connection with investigations of the chestnut tree bark disease.	8.90	Investigating the chestnut tree bark disease, 1914.
Do.	do.	Charlottesville, Va. (Oct. 6-10, 1913)	To investigate equipment and facilities for plant physiological work and consult scientific investigators.	26.20	General expenses, B. P. I., 1914 (drug and other plants).

Do.	do.	Atlanta, Ga. (Dec. 28, 1913-Jan. 3, 1914).....	To represent the bureau at a meeting of the American Association for the Advancement of Science and present papers on subjects relating to the work of the Bureau of Plant Industry.	63.65	Do.
Do.	do.	Norfolk, Va. (June 9-12, 1914).....	To investigate physiological conditions underlying diseases of true crops.	20.95	Do.
Van Fleet, W.	Physiologist.	Lyons, Rochester, N. Y.; Decatur, Kalamazoo, Three Rivers, Niles, Sturgis, Mich.; Mishawaka, New Paris, Fort Wayne, Ind. (May 31-June 7, 1914).	To investigate the production and handling of peppermint, spearmint, and other drug-plant crops.	83.06	Do.
Vinall, H. N.	Agronomist.	Points in South Dakota (July 10-Aug. 29, 1913).	Collecting and preparing exhibits for Tulsa Dry Land Congress.	107.00	International Dry Land Congress at Tulsa, Okla., 1913-14. Do.
Do.	do.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).....	To assist in installation and demonstration of department exhibits at Tulsa Dry Land Congress.	139.29	Do.
Waite, M. B.	Pathologist in charge of fruit diseases.	Winchester, Va. (Aug. 26-28, 1913).....	To investigate cedar rust and other apple diseases.	12.70	General expenses, B. P. I., 1914 (fruit diseases). Do.
Do.	do.	Winchester, Va. (Sept. 9-10, 1913).....	do.	8.05	Do.
Do.	do.	Winchester, Va. (May 1-2 and June 8-9, 1914).	do.	13.40	Do.
Ward, D. D.	Scientific assistant.	Philadelphia, Pa.; Vineland, N. J. (Jan. 12-Feb. 6, 1914).	To assist in taking growth ratings, pruning vines, and other viticultural work in connection with pomological investigations.	91.52	General expenses, B. P. I., 1914 (pomological investigations).
Westgate, J. M.	Agronomist.	Fargo, N. Dak.; Ames, Des Moines, Iowa; Manhattan, Garden City, Dodge City, Lawrence, Kans.; Chicago, Ill.; Lafayette, Ind. (Aug. 13-Sept. 4, 1913).	To inspect experiments with clovers and other forage crops, in connection with the improvement of forage crop production.	215.36	General expenses, B. P. I., 1914 (forage-crop investigations).
Do.	do.	Round Hill, Va. (Dec. 6, 1913).....	To collect data on the results of cooperative experiments with forage crops.	1.90	Do.
Do.	do.	Ames, Iowa; Fargo, N. Dak.; Lafayette, Ind.; Springfield, Urbana, Ohio (May 1-15, 1914).	To inspect experiments and arrange further cooperative work with clovers.	135.47	Do.
Do.	do.	Fredericksburg, Va. (May 16-19, 1914).....	To inspect variety tests of crimson clover, in connection with the improvement of forage-crop production.	20.00	Do.
Do.	do.	Chula, Fredericksburg, Nindes Store, Va. (June 4-21, 1914).	To investigate the production and harvesting of crimson clover seed.	85.40	Do.
Westover, H. L.	Scientific assistant.	Petersburg, Port Conway, Va. (Jan. 8-13, 1914).	To inspect cooperative alfalfa experiments and arrange new work in the improvement of forage-crop production.	30.40	Do.
Do.	do.	La Plata, Md. (May 1-6, 1914).	do.	2.72	Do.
Do.	do.	Fredericksburg, Port Conway, Belwood, Williamsburg, Petersburg, Va. (May 21-29, 1914).	do.	47.70	Do.
Do.	do.	Winchester, Va. (June 4-5, 1914).....	do.	11.28	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Yerkes, A. P.....	Scientific assistant.....	Detroit, Minn.; Winnipeg, Canada; Edgeley, Ellendale, Drayton, Grand Forks, Larimore, Bismarck, N. Dak.; Glen-dive, Moccasin, Great Falls, Mont.; Spokane, Walla Walla, Wash.; Portland, Oreg.; San Francisco, Sacramento, Cal.; Houston, Tex., and other points en route (July 1-Sept. 28, 1913).	To collect data on the adaptability of mechanical power to farm work in connection with the study of economics in relation to farm management.	\$275.89	General expenses, B. P. I., 1914 (farm management).
Yoder, P. A.....	Technologist.....	Garden City, Kans.; Rocky Ford, Colo.; Ogden, Utah; Fallon, Nev.; Sacramento, Fresno, Cal.; Yuma, Ariz.; Brownsville, Tex.; New Orleans, La.; Cairo, Gainesville, Ga.; Bradentown, Miami, Fla., and other points in States named (Oct. 1-Nov. 22, 1913).	To investigate the sugar-cane and sugar-beet industries, arrange experimental work, and study the drainage and reclamation of alkali land, in connection with sugar plant investigations.	205.80	General expenses, B. P. I., 1914 (sugar plant investigations).
Do.....	do.....	Jessup, Quitman, Waycross, Cairo, Ga.; Hardaway, Sneads, Tallahassee, Monticello, Ga. (June 23-30, 1914).	do.....	119.44	Do.
Do.....	do.....	Cairo, Ga. (June 23-30, 1914).	do.....	84.98	Do.
Young, R. A.....	Scientific assistant.....	Honolulu and other points in Hawaii; San Francisco, Indio, Los Angeles, Cal.; San Antonio, Tex.; New Orleans, La.; Tallahassee, Jacksonville, Winter Park, Kissimmee, Lakeland, Tampa, Bradentown, Brooksville, Gainesville, Fla. (July 1-Oct. 15, 1913).	To inspect crops and investigate the culture of dasheens, yauties, and taros; to secure varieties of these plants and information relative to methods of culture and uses of crops, and to confer with private experimenters and collaborators relative to the economic value of the crops in this country.	598.21	General expenses, B. P. I., 1914 (foreign seed and plant introduction).
Do.....	do.....	Diamond Springs, Va. (Oct. 27-29, 1913).	To inspect dasheens and secure data on the results of tests with this crop at the State experiment station.	9.90	Do.
Zook, L. L.....	Physiologist.....	Beatrice, North Platte, Lincoln, Mitchell, Plattsmouth, Wakefield, Nebr.; Akron, Colo.; Sioux City, Iowa; Newell, Highmore, Fort Pierre, Brookings, Aberdeen, S. Dak.; Fargo, Larimore, Wahpeton, Edgeley, Bismarck, Dickinson, Mandan, N. Dak.; Tulsa, Okla. (July 1-Oct. 31, 1913).	To investigate methods of seed corn production, selection, and preservation, and arrange experiments in the improvement of corn culture.	306.06	General expenses, B. P. I., 1914 (corn improvement).
Do.....	do.....	Tulsa, Okla. (Oct. 22-Nov. 1, 1913)	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	144.17	International Dry Land Congress at Tulsa, Okla., 1913-14.

FOREST SERVICE.

Adams, Bristow	Forest examiner	Denver, Frazer, Colo., and other points (June 12-30, 1914; trip not completed in fiscal year 1914).	To secure motion pictures and other photographs and to take up with various district foresters work incident to the office of information.	\$173.96	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Adams, Jas. B.	Assistant forester	Portland, Oreg.; Seattle, Wash.; and points in the Chugach and Tongass Forests in Alaska (July 6-Sept. 2, 1913).	To make general inspection of organization and boundary work.	479.65	General expenses, Forest Service, 1914 (general administration).
Do.	do.	Albuquerque, N. Mex., and various points in districts 3, 2, and 5 (Oct. 29-Dec. 6, 1913).	To make a general administrative inspection of district and national forest offices.	503.68	Do.
Do.	do.	Little Rock, Ark., and various points in the national forest districts (Mar. 12-June 9, 1914).	To make general inspection of administrative work on the national forests.	578.21	Do.
Ballard, C. M.	Clerk	Richmond, Va., and return (Jan. 20-21, 1914).	To examine, with a view to purchase, "Hutema" automatic press feeder for printing office at supply depot, Ogden, Utah.	10.10	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Bentley, Geo. A.	Chief of maintenance ..	Points in Maryland, Pennsylvania, New Jersey, New York, and New England States (June 5-25, 1914).	To secure reports from lumber mills not replying to mail canvass conducted by the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in the United States in 1913.	181.10	General expenses, Forest Service, 1914 (forest products).
Bohn, A. J.	Examiner of surveys ..	Etowah, Tenn., and other points in the Southern Appalachians (June 11-30, 1914; trip not ended in fiscal year 1914).	To make survey of lands under the Weeks law.	87.30	Acquisition of lands for protection of watersheds of navigable streams.
Brush, Warren D.	Scientific assistant in wood structure	Berea, Ohio, and various points in Michigan (July 1-Aug. 12, 1913).	To collect green wood specimens for wood collection used in wood-structure studies.	164.46	General expenses, Forest Service, 1914 (management of forests).
Do.	do.	Various points in North Carolina (Aug. 21-29, 1913).	To identify pulp wood shipped forest products laboratory at Madison, Wis.	50.54	Do.
Burns, Findley	Chief of publication ..	Madison, Wis., and Ames, Iowa (May 10-23, 1914).	To make technical review of reports of experimental work prepared at the forest products laboratory and to do certain work in connection with securing services of an assistant editor in forestry.	117.50	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Canavarro, G. de S.	Forest examiner	Philadelphia, Chicago, Wausau, Wis., and points in Michigan and Pennsylvania (July 14-Sept. 12, 1913).	To investigate condition of trees on the naval home grounds at Philadelphia and advise as to care and treatment; to study the volume, growth, and utilization of northern hardwoods.	259.42	General expenses, Forest Service, 1914 (management of forests).
Do.	do.	Clay Bank and Richmond, Va. (Oct. 23-26, 1913).	To prepare, under cooperative agreement, planting plan for estate of Joseph Bryan.	10.25	Cooperative work, forest investigations.
Chapline, W. R., Jr.	Grazing assistant	Ogden and Ephraim, Utah (June 17-30, 1914; trip not completed during fiscal year 1914).	To confer with members of district office and arrange to read proof of grazing data being printed under their direction and to perform field work at the Utah Experiment Station during the summer and early fall.	235.05	General expenses, Forest Service, 1914 (national forest range investigations).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cook, Elizabeth M.	Clerk.	Clayton, Ga. (Nov. 5-6, 1913).	To take new station.	\$22.90	Acquisition of land for protection of watersheds of navigable streams.
Cook, John W.	do.	Denver, Colo. (Mar. 25-28, 1914).	do.	63.80	General expenses, Forest Service, 1914 (general administration).
Dana, Samuel T.	Assistant chief of surveys.	Ogden and other points in Utah; Boise, Idaho; San Francisco and other points in California; Albuquerque and points in district 3 (July 3-Sept. 5, 1913).	To make a general inspection of forest investigative work carried on at the places visited.	546.70	General expenses, Forest Service, 1914 (management of forests).
Do.	do.	Pensacola and Tampa, Fla., and points in Florida National Forest; Summerville, S. C. (Oct. 20-Nov. 21, 1913).	To inspect experimental work in artificial reforestation with maritime pine and cork oak on the Florida National Forest, at Tampa in cooperation with the Tampa Board of Trade, and at Summerville in cooperation with the Clemson Agricultural College.	217.51	Do.
Do.	do.	Lawrence, North Andover, and Boston, Mass. (Jan. 1-5, 1914).	To confer with G. E. Clementis and representatives of the Bureau of Entomology and Massachusetts State forester's office concerning the project for the control of the gypsy moth by means of forest management.	17.30	Do.
Dayton, Wm. A.	Plant ecologist.	Points in the Shasta, Trinity, Siskiyou, and Eldorado National Forests (trip begun in fiscal year 1913; July 1-Nov. 1, 1913.)	To study the effect of grazing on forest reproduction and to initiate a study with application of deferred grazing system.	504.35	General expenses, Forest Service, 1914 (national forest range investigations).
Diefenbach, Rudolph.	Forest examiner.	Woodstock, Va. (Aug. 1-Sept. 12, 1913).	To inspect survey work on the Shenandoah, Potomac, and Massanutten areas.	94.57	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	Asheville, N. C. (Sept. 23-26, 1913).	To inspect and report on survey work by the various field surveying parties under the Weeks law.	33.17	Do.
Do.	do.	Clayton, Ga. (Jan. 28-Feb. 6, 1914).	do.	63.75	Do.
Do.	do.	Asheville and other points in North Carolina and Georgia (May 11-June 25, 1914).	do.	140.63	Do.
Ellis, Don Carlos.	Assistant in forest education.	Knoxville and Nashville, Tenn. (Oct. 30-Nov. 2, 1913).	To attend meeting and lecture before Southern Educational Association.	25.75	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Do.	do.	Madison, Wis. (Feb. 28-Mar. 9, 1914).	To confer with forest products laboratory officials about exposition work.	36.89	Do.

Do.....	do.....	Chicago, Ill. (Apr. 26-May 2, 1914).....	To take charge of exhibit at forest products exposition.....	105.71	Forest products, expenditures, Chicago, Ill., and New York, N. Y.
Do.....	do.....	New York, N. Y. (May 17-27, 1914).....	do.....	84.41	Do.
Foster, J. H.....	Forest assistant.....	Madison, Wis., and St. Paul, Minn. (July 9-Aug. 19, 1913).....	To inspect fire-cooperative work under the Weeks law.....	304.64	Cooperative fire protection of forested watersheds of navigable streams.
Do.....	do.....	Boston, Mass. (Aug. 30-31, 1914).....	do.....	20.21	Do.
Frothingham, E. H.....	Forest examiner.....	Madison and other points in Wisconsin, Michigan, Pennsylvania, New York, and New Hampshire (trip begun in fiscal year 1913; July 1-Oct. 18, 1913).....	To make a study of the growth and volume of northern hardwoods.....	454.88	General expenses, Forest Service, 1914 (management of forests).
Do.....	do.....	West Point, N. Y. (Feb. 16-17, 1914).....	do.....	25.45	Do.
Gould, Clark W.....	Statistician in forest products.....	New York, N. Y. (Aug. 26-30, 1913).....	To advise the War Department as to the best method of handling the woodlands included in the military reservation.....	34.65	General expenses, Forest Service, 1914 (forest products).
Do.....	do.....	Points in Texas, Illinois, Mississippi, Arkansas, and other southern yellow-pine regions (June 5-30, 1914; trip not completed in fiscal year 1914).....	To study the use of scaffolding of rough poles in construction of buildings with a view to the saving of waste of manufactured lumber and at the same time furnishing a market for forest pole "thinnings".....	238.24	Do.
Graves, H. S.....	Forester.....	Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; Flagstaff, Ariz.; and points in New Mexico and Arkansas, etc. (July 5-Aug. 15, 1913).....	To secure reports from lumber mills not replying to the mail canvass of the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in the United States in 1913.....	466.65	General expenses, Forest Service, 1914 (general administration).
Do.....	do.....	Denver, Colo., and points in Nevada, Utah, California, and New Mexico (Sept. 13-Nov. 3, 1913).....	To make administrative inspection of the national forests.....	596.42	Do.
Do.....	do.....	Athens and Atlanta, Ga., and other points in the Southern Appalachians (Apr. 13-19, 1914).....	do.....	71.75	Do.
Do.....	do.....	Missoula, Mont.; Portland, Oreg.; and other points in districts 1 and 6 (May 4-June 6, 1914).....	To make a general administrative supervision and inspection of the work of the Forest Service in the districts visited.....	368.15	Do.
Greeley, W. B.....	Assistant forester.....	Cass Lake and Duluth, Minn.; Milwaukee, Wis.; Baldwin and Detroit, Mich.; Chicago, Deadwood, and Custer, S. Dak.; Halsey, Neb.; Denver and other points in Colorado; Ogden and Salt Lake City, Utah (July 1-Aug. 9, 1913).....	To interview eligibles for appointment as logging engineers; to inspect timber sale and reforestation work on national forests; to investigate special personnel matters in Utah under instructions of Forester; to confer with director of forest products laboratory on administration of laboratory.....	356.65	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Greeley, W. B.	Assistant forester.....	Missoula, Mont.; points in Montana, Idaho, and Washington; Madison and Wye-ville, Wis. (Oct. 3–Nov. 29, 1913).	To supervise the silviculture and forest prod-ucts work being carried on at the places vis-ited.	\$407.50	General expenses, Forest Service, 1914 (general ad-ministration).
Do.	do.	Denver, Colo.; Salt Lake City and Ogden, Utah (Feb. 16–Mar. 8, 1914).	To confer with district offices and attend meet-ing of district foresters at Salt Lake.	222.50	Do.
Do.	do.	Ithaca and Elmira, N. Y. (May 13–16, 1914).	To address a meeting of foresters and forest educators and to confer with them in regard to forestry education in the East.	23.95	Do.
Griffin, A. A.	Field assistant.....	Wausau and other points in Wisconsin, Michigan, Pennsylvania, New York and New Hampshire (July 1–Oct. 15, 1913).	To study the growth and volume of northern hardwoods.	280.88	General expenses, Forest Service, 1914 (manage-ment of forests).
Hall, Wm. L.	Assistant forester.....	Portland, Me.; Boston, Mass.; and points in New Hampshire (July 9–Aug. 6, 1913).	To supervise acquisition work and negotia-tions for purchase of lands under the Weeks law, and to attend forestry conference at Lake Sunapee, N. H.	105.78	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	Asheville, N. C., and points in Kentucky, Maryland, and Arkansas (Sept. 24–Oct. 19, 1913).	To confer in regard to purchase and survey of lands under the Weeks law and to make a comparison of lands being considered for elimination in Arkansas national forests with lands being acquired in the Southern Appalachians.	208.10	Do.
Do.	do.	Boston, Mass. (Nov. 10–13, 1913).	To negotiate for lands under the Weeks law.	45.65	Do.
Do.	do.	Harrisonburg and other points in Vir-ginia (Nov. 28–Dec. 4, 1913).	To examine lands proposed to be recommend-ed for purchase.	62.95	Do.
Do.	do.	Lynchburg and Natural Bridge, Va. (Mar. 17–20, 1914).	To confer with the city council at Lynchburg in regard to the acquisition of lands on Ped-lar River, Natural Bridge area.	21.50	Do.
Do.	do.	Cornelia, Ga.; Asheville, N. C. (Mar. 20–Apr. 9, 1914).	To attend conference of North Carolina State foresters.	103.45	Do.
Do.	do.	Boston, Mass.; Gorham, N. H. (June 1–5, 1914).	To confer with owners of White Mountain lands recommended for purchase.	26.20	Do.
Do.	do.	Asheville and Raleigh, N. C. (June 9–14, 1913).	To attend and address a meeting of the North Carolina Forestry Association and to confer with the governor of North Carolina in re-gard to important forestry matters.	27.00	Do.
Helphenstine, R. K., Jr., Clerk.....		Philadelphia, Pa. (May 6–14, 1914).	To assist in an inspection of the methods of handling and utilizing lumber at the Phila-delphia Navy Yard.	45.68	General expenses, Forest Service, 1914 (forest prod-ucts).
Do.	do.	New York, N. Y., (May 25–June 3, 1914).	To take charge of a section of the Forest Service exhibit at the forest products exposition in New York City.	59.90	Forest products exposi-tions, Chicago, Ill., and New York, N. Y.

Do.....	do.....	Bethlehem, Pa. (June 11-13, 1914).....	To make an inspection of hickory handles for the Panama Canal bureau.	25.36	General expenses, Forest Service, 1914 (forest products).
Do.....	do.....	Points in Tennessee, Kentucky, West Virginia, and other States in the Southern hardwood region (June 16-30, 1914; trip not completed in fiscal year).	To secure reports from lumber mills which failed to reply to the mail canvass conducted by the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in the United States in 1913.	154.85	Do.
Keefe, Thos. V.....	Field assistant.....	Various points in North Carolina (trip begun in fiscal year 1913; July 1-Sept. 27, 1913).	To make a study of forest conditions in North Carolina in cooperation with the State.	370.65	Cooperative work, forest investigations.
Kneipp, L. F.....	Assistant forester.....	District and national forest headquarters in districts 2 and 4 (trip begun in fiscal year 1913; July 1-27, 1913).	To inspect general methods of administering grazing business on the forests and to confer with local officers regarding general administration methods and special cases.	209.25	General expenses, Forest Service 1914 (general administration).
Do.....	do.....	Headquarters of Georgia and Nantahala areas of districts 2, 3, 4, 5, and 6, and various forests and other points en route (Jan. 22-Apr. 17, 1914).	To inspect the manner in which the grazing business is conducted within the various national forests; to investigate certain specific complaints; to examine forest lands used for grazing purposes and meet with persons who use them; and to perform other Forest Service work.	673.64	Do.
Koehler, A.....	Nyctotomist.....	Various points in Missouri (trip begun in fiscal year 1913; July 1-Aug. 25, 1913).	To collect authentic samples of green wood for laboratory use in the study of wood structure.	91.64	General expenses, Forest Service, 1914 (management of forests).
Do.....	do.....	Madison, Wis. (Jan. 14-15, 1914).	To take new station.....	27.10	Do.
Lamb, Geo. N.....	Scientific assistant.....	Pemberton, N. J.; Cincinnati, Ohio; points in Indiana, Michigan, Iowa, Minnesota, Missouri, Kentucky, Tennessee, and Louisiana (July 16-Oct. 25, 1913).	To secure basket-willow data and to make a study of willows, their economic use and importance.	475.59	Do.
Do.....	do.....	Charleston, S. C. (Jan. 28-30, 1914).....	To make basket-willow investigations in cooperation with the South Carolina State Experiment Station.	33.20	Do.
Do.....	do.....	Points in Ohio, Indiana, Illinois, Missouri, and other points in the hardwood region (June 5-27, 1914).	To secure reports from lumber mills not replying to mail canvass conducted by the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in the United States in 1913.	204.30	General expenses, Forest Service, 1914 (forest products).
Lamb, W. H.....	Scientific assistant in forest distribution.....	Denver, Colo.; Ogden, Utah; San Francisco, and other points in California (Aug. 30-Oct. 30, 1913).	To make a study of the botanical characteristics and geographical distribution of trees and shrubs.	387.96	General expenses, Forest Service, 1914 (management of forests).
Lawson, W. P.....	Assistant forest ranger.....	Denver, Colo.; Albuquerque, N. Mex.; San Francisco, Cal.; Portland, Ores.; and points in districts 2, 3, 5, and 6 (Sept. 29, 1913-Jan. 19, 1914).	To take up with the district foresters questions connected with the work of furnishing helpful information to the public about forests and forestry, directly from the various district offices.	682.60	General expenses, Forest Service, 1914 (markets and miscellaneous investigations.)
Lindstrom, C. A.....	Clerk.....	New York, N. Y. (May 29-June 3, 1914).....	To demonstrate exhibit at forest products exhibitions.	33.33	Forest products exhibitions, Chicago, Ill., and New York, N. Y.
Do.....	do.....	Alexandria, Va. (several trips during May and June, 1914).	To look after exhibits intended for and used in forest products exhibitions at Chicago, Ill., and New York, N. Y.	1.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lovejoy, Owen L.....	Field assistant.....	Points in Wisconsin and Michigan (July 5-Sept. 4, 1913).	To make a study of the growth and volume of northern hardwoods.	\$132.12	General expenses, Forest Service, 1914 (management of forests).
Mangan, W. J.....	Clerk (law examiner)...	Denver, Colo.; Salt Lake City, Utah; and points in Idaho and Montana (Oct. 11-Nov. 15, 1913).	To make an inspection of the work of the offices of lands in the districts visited.	333.60	General expenses, Forest Service, 1914 (general administration).
Mattoon, W. R.....	Forest examiner.....	Points in North Carolina, South Carolina, Florida, and Louisiana (Oct. 15-Dec. 19, 1913).	To make a field study of southern cypress, to inspect the cooperative planting experiments at Summerville, S. C., and to report on the cooperative experiment work carried on with the Conservation Commission of Louisiana on the Hardtner forest tract at Upraud, La.	363.14	General expenses, Forest Service, 1914 (management of forests).
Mell, C. D.....	do.....	New York, N. Y. (Mar. 23-31, 1914).....	To inspect a shipment of mahogany and to secure information for use in the preparation of a bulletin on "Mahogany and its substitutes."	38.95	General expenses, Forest Service, 1914 (forest products).
Merrill, O. C.....	Chief engineer.....	Various points in districts 1, 2, 5, and 6 (July 23-Oct. 4, 1913).	To make a general inspection and study of water-power work in the field.	703.72	General expenses, Forest Service, 1914 (general administration).
Moore, Barrington.....	Forest examiner.....	Weiser, Idaho; Portland, Oreg., and other points in Oregon and Washington (July 1-Aug. 21, 1913).	To study reconnaissance methods, working plans, timber-sale work, and methods of determining yield.	340.86	Do.
Murphy, L. S.....	do.....	Augusta and other points in Maine and the New England States, New York, and New Jersey (Aug. 30-Oct. 31, 1913).	To inspect fire cooperative work under the Weeks law, and to make an examination of the trees at the Springfield Armory, Springfield, Mass., and Fort Wadsworth, N. Y., for the War Department.	325.27	Cooperative fire protection of forested watersheds of navigable streams.
Do.....	do.....	Augusta, Me., and Boston, Mass. (May 26-June 30, 1914; trip not completed in 1914).	To inspect cooperative fire-protective work under the Weeks law.	71.46	Do.
Nellis, J. C.....	do.....	Norfolk, Va., and other points in State east of the Mississippi; also Louisiana, Kansas, Missouri, and Minnesota (Mar. 17-Apr. 30, 1914).	To secure detailed data, costs, etc., upon the manufacture of boxes and the use of boxes and box shooks by the consuming industries.	347.66	General expenses, Forest Service, 1914 (forest products).
Norcross, T. W.....	Assistant chief engineer.	Points in Virginia and Tennessee (Nov. 3-14, 1913).	To determine feasibility of hydroelectric construction on streams within the White Top area to be obtained by the United States through condemnation; also to obtain data on operating hydroelectric plants and market conditions.	59.36	Acquisition of lands for protection of watersheds of navigable streams.

Do.....	do.....	Jackson, Mich.: Denver, Colo.; Ogden, Utah; Missoula, Mont.; Portland, Oreg.; San Francisco, Los Angeles, Cal.; Albuquerque, N. Mex. (Feb. 27-Mar. 23, 1914). Points in Kentucky, Virginia, and Tennessee (July 1-4, 1913).	To make a general inspection of water-power work in the districts visited.	483.50	General expenses, Forest Service, 1914 (general administration).
Pierson, A. H.....	Statistician in forest products.	Norfolk, Va. (June 1-2, 1914).....	To secure from delinquent manufacturers reports on production of lumber, lath, and shingles cut in 1912.	28.65	General expenses, Forest Service, 1914 (forest products).
Do.....	do.....	Baltimore and points on the eastern shore of Maryland (June 11-16, 1914).	To secure reports from lumber manufacturers not reporting by mail in connection with the annual census of lumber production.	14.56	Do.
Do.....	do.....	Oakland and Cumberland, Md., and other points in Maryland and Virginia (June 21-30, 1914).	To secure reports from lumber mills which have not reported by mail to the Bureau of Statistics and Forest Service.	43.68	Do.
Plummer, Fred G.....	Geographer	Ogden, Utah; Denver, Colo. (trip begun in fiscal year 1913; July 1-19).	do.....	72.84	Do.
Peters, J. G.....	Chief of state cooperation.	Belmont and Elkins, W. Va. (Oct. 15-18, 1913).	To inspect geographic work in the field with a view to standardizing methods of conducting the work.	159.35	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Do.....	do.....	New Haven, Conn.; Westfield and Boston, Mass. (Oct. 26-Nov. 3, 1913).	To formulate plans for fire-cooperative protection work under section 2, Weeks law.	13.25	General expenses, Forest Service, 1914 (management of forests).
Do.....	do.....	Richmond, Va. (Dec. 17-19, 1913).....	To inspect cooperative fire-protection work in Connecticut and Massachusetts.	17.26	Cooperative fire protection of forested watersheds of navigable streams.
Do.....	do.....	Charleston, S. C. (Jan. 8-10, 1914).....	To discuss a proposed forest law for Virginia with the executive committee of the board of trustees of the Virginia Agricultural Experiment Station.	60.21	Do.
Do.....	do.....	Boston, Mass. (Jan. 19-24, 1914).....	To discuss a proposed State forest law with the forestry committee of the Southern Commercial Congress.	10.50	General expenses, Forest Service, 1914 (management of forests).
Do.....	do.....	Columbia, S. C. (Feb. 4-6, 1914).....	To confer with collaborators under the Weeks law.	39.85	Cooperative fire protection of forested watersheds of navigable streams.
Do.....	do.....		To address a legislative committee on the proposed forest bill for South Carolina.	16.35	Do.
				11.15	General expenses, Forest Service, 1914 (management of forests).
				40.07	Cooperative fire protection of forested watersheds of navigable streams.
				20.00	General expenses, Forest Service, 1914 (management of forests).
				12.50	Cooperative fire protection of forested watersheds of navigable streams.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Peters, J. G.	Chief of state cooperation.	Elkins, W. Va. (Feb. 9-12, 1914).....	(To meet the timber owners of West Virginia endeavoring to organize a protective association.	\$9.80	General expenses, Forest Service, 1914 (management of forests).
Do.....	do.....	Richmond, Va. (Feb. 25-26, 1914).....	(To address a committee of the legislature on a forestry bill.	18.65	Cooperative fire protection of forested watersheds of navigable streams, Forest Service, 1914 (management of forests).
Do.....	do.....	(St. Paul, Minn.; Madison, Wis.; Lansing, Mich. (Mar. 20-31, 1914)	(To address a meeting of the State forestry association at St. Paul; to confer with the State forester on cooperative protection work under the Weeks law; and to confer with the State authorities at Lansing on the possibility of starting similar work in that State.	9.90	General expenses, Forest Service, 1914 (management of forests).
Potter, A. F.	Associate forester.....	Various points in districts 1, 2, 4, 5, and 6 (Jan. 8-Mar. 8, 1914).	To confer with district foresters and various supervisors with regard to administrative and grazing matters; to attend supervisors' meetings at district headquarters; to attend National Wool Growers' Association meeting at Salt Lake City; to attend American National Live Stock Association meeting at Denver; and to attend meeting of district foresters at Ogden, Utah.	3.43	Cooperative fire protection of forested watersheds of navigable streams, Forest Service, 1914 (general administration).
Reynolds, R. V. R.	Forest examiner.....	District headquarters and various points in districts 1, 2, 3, 4, 5, and 6 (July 9-Nov. 6, 1913).	To gather information and study results with a view to coordination of methods of handling entry survey, land classification, and home-stead claims work.	66.44	Cooperative fire protection of forested watersheds of navigable streams, Forest Service, 1914 (general administration).
Rogers, Robert L.	do.....	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).....	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	15.85	General expenses, Forest Service, 1914 (general administration).
Rhoades, Verne.....	National forest examiner.	Cadettsburg and other points in Kentucky (Apr. 30-May 14, 1914).	To inspect the Weeks law fire protection work in Kentucky.	586.30	Do.
Shearman, Thos. G.	Law officer in charge of forest appeals.	Weed, Cal.; Klamath Falls and Portland, Oreg.; San Francisco, Cal.; Ashlock, Prescott, and Williams, Ariz. (July 28-Aug. 16, 1913).	To make investigation of appeals from administrative rulings of the Forest Service.	804.55	Do.
				197.87	International Dry Land Congress at Tulsa, Okla., 1913-14.
				103.53	Cooperative fire protection of forested watersheds of navigable streams.
				326.50	General expenses, Forest Service, 1914 (general administration).

Do.....do.....	Seattle, Wash. (Nov. 1-8, 1913).	To investigate alleged irregularities in the meat-inspection service.	138.50	Meat inspection, B. A. I., 1914.
Do.....do.....	Denver, Colo.; Salt Lake City, Utah; various points in Colorado, Idaho, Wyoming, California, Arizona, and New Mexico (Oct. 20-Dec. 7, 1913).	To make inspection of forest tracts applied for in the various districts under the act of June 11, 1906, which had been or were about to be rejected on the ground that they were "needed for public purposes."	504.11	General expenses, Forest Service, 1914 (general administration).
Do.....do.....	St. Louis, Mo.; Omaha, Nebr.; Buffalo, N. Y.; Fort Worth, Tex. (Jan. 25-Feb. 12, 1914).	To investigate complaints and grievances of bureau meat inspectors.	252.54	Do.
Do.....do.....	Yonkers, N. Y. (May 1-6, 1914)	To investigate alleged irregularities in the enforcement of the meat-inspection regulations.	44.80	Meat inspection, B. A. I., 1914.
Do.....do.....	Ogden, Utah; La Grande, Portland, Oreg.; Tacoma, Seattle, Ashford, Port Angeles, Wenatchee, and Fateros, Wash.; Billings, Mont.; Cody, Wyo. (May 9-June 6, 1914).	To make investigations of appeals from administrative rulings of the Forest Service.	408.10	General expenses, Forest Service, 1914 (general administration).
Shipp, E. S.....	Various points in the "new forests" of the Southern Appalachian region (July 17-Aug. 18, 1913).	To photograph scenes in the Southern Appalachian areas for use in illustrating Forest Service reports and bulletins.	225.85	Acquisition of land for protection of watersheds of navigable streams.
Shir-Cliff, W. H.....	Various points in Virginia, West Virginia, Maryland, North Carolina, Georgia, and Tennessee (July 1-Oct. 11, 1913).	To install new method of accounting and to instruct field men in the preparation and submission of accounts.	294.99	Do.
Simmons, R. E.....	New York, N. Y. (May 26-29, 1914)	To demonstrate exhibits at forest products exposition.	44.90	Forest products expositions, Chicago, Ill., and New York, N. Y.
Do.....do.....	Jacksonville and Fernandina, Fla. (May 29-June 6, 1914).	To address a meeting of the Georgia-Florida Sawmill Association and to consult with its committees.	96.40	General expenses, Forest Service, 1914 (forest products).
Smith, H. A.....	Denver and other points in Colorado; Ogden, Utah; Missoula, Mont.; Portland, Oreg. (Aug. 5-Sept. 16, 1913).	To secure improved organization of Forest Service information work.	466.88	General expenses, Forest Service, 1914 (markets and miscellaneous investigations).
Do.....do.....	Louisville, Ky. (Apr. 5-11, 1914)	To attend the sessions of the conference for education in the South and the Southern Educational Association; to deliver addresses relating to forestry and to secure information concerning the opportunities for future educational work in the South.	53.30	Do.
Squire, Charles H.....	Points in Montana, Idaho, and Washington; Portland, Oreg.; San Francisco, Cal.; Ogden, Utah; Denver, Colo. (July 12-Sept. 19, 1913).	To confer with field officers in regard to claims and occupancy matters and to inspect the offices of lands at district headquarters.	505.70	General expenses, Forest Service, 1914 (general administration).
Starrett, W. D.....	Points in Virginia, Tennessee, Alabama, Texas, Arkansas, Louisiana, Florida, North and South Carolina (July 30-Oct. 12, 1913).	To make a silvicultural investigation of different species of the ashes, and to make cooperative woodlot examination.	735.00	General expenses, Forest Service, 1914 (management of forests).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Sudworth, G. B.	Assistant forester.	Points in Michigan, Texas, Arizona, New Mexico (Sept. 21–Nov. 30, 1913).	To investigate the growth characters, geographical distribution, and occurrence of little-known broad leaved and coniferous forest tree species and other dendrological problems connected with the work of preparing bulletins illustrating and describing North American trees.	\$554.38	General expenses, Forest Service, 1914 (management of forests).
Swan, O. T.	Engineer in forest products.	Points in Michigan, Wisconsin, Kentucky, Tennessee, Arkansas, and Missouri (July 11–Sept. 30, 1913).	To study the cooperage industry with particular view to utilization of waste.	483.77	General expenses, Forest Service, 1914 (forest products).
Do.	do.	St. Louis, Mo. (Apr. 27–30, 1914).	To deliver an address at meeting of Society for Testing Materials.	35.00	Do.
Do.	do.	Chicago, Ill. (Apr. 30–May 4, 1914).	To demonstrate exhibit at forest products exhibitions.	64.70	Forest products exhibitions, Chicago, Ill., and New York, N. Y.
Do.	do.	Atlantic City, N. J. (June 30, 1914).	do.	11.10	General expenses, Forest Service, 1914 (forest products).
Thilolson, C. R.	Forest examiner.	Points in Montana, Idaho, Washington, Oregon, California, Arizona, New Mexico, Kansas, and Nebraska (trip begun in fiscal year 1913; July 1–Nov. 26, 1913).	To examine and collect information in regard to forest tree nurseries and field planting.	825.60	General expenses, Forest Service, 1914 (management of forests).
Wharton, G. E.	Clerk.	Charleston, S. C., and Atlanta, Ga. (Mar. 28–Apr. 10, 1914).	To compile from herbarium records at the Charleston and Atlanta museums information on the geographical distribution of trees.	87.70	Do.
Do.	do.	Charlottesville and Richmond, Va. (June 19–30, 1914).	To inspect herbarium specimens shipped from Charlottesville to Richmond.	48.95	Do.
Wolfe, S. L.	Forest assistant.	Points in Virginia, North Carolina, Tennessee, Kentucky, Missouri, Indiana, and Ohio (Aug. 13–Oct. 6, 1913).	To make a study of the veneer industry with special reference to its bearing on the utilization of National Forest timber.	341.16	General expenses, Forest Service, 1914 (forest products).
Do.	do.	Chicago, Ill., and Madison, Wis. (Dec. 8–17, 1913).	To attend and deliver address at the meeting of the National Veneer and Panel Manufacturers' Association, and to inspect laboratory work at Madison.	88.65	Do.
Do.	do.	Cincinnati, Ohio (May 19–21, 1914).	To attend meeting of the National Basket and Fruit Package Association.	42.60	Do.
Do.	do.	Points in Virginia, South Carolina, Alabama, Georgia, Florida, and other States in the southern yellow-pine region (June 6–17, 1914).	To secure reports from lumber mills not replying to mail canvass conducted by the Bureau of Statistics and Forest Service to determine the amount of each kind of lumber produced in 1913 in the United States.	104.05	Do.

Woodward, Karl W.	Forest examiner	Abingdon, Va., and other points in the White Top area (July 9-25, 1913).	To make an inspection of the White Top area, including the work in the examination of lands and the administration of the lands acquired.	87.35	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	Marion and Old Fort, N. C. (Aug. 25-Sept. 7, 1913).	To make an inspection of the field work, office records, and general administration work on the Mount Mitchell area.	69.70	Do.
Do.	do.	Woodstock and New Market, Va. (Nov. 8-13, 1913).	To make general inspection of the Massanutten area.	23.95	Do.
Zon, Raphael	Chief, office of forest investigations.	Mount Weather, Va. (July 15, 1913)	To attend as member of a departmental committee a meeting having for its object increasing the usefulness of the Mount Weather Station.	2.50	General expenses, Forest Service, 1914 (management of forests).
Do.	do.	Wanakena, N. Y. (July 18-20, 1913)	To attend meeting of Society of Eastern Foresters and to discuss informally cooperation between the Forest Service and State foresters in the giving of advice to private woodlot and timber owners.	54.00	Do.
Do.	do.	Points in Colorado, Arizona, New Mexico, Texas, Montana, Idaho, and Minnesota (Aug. 5-Oct. 12, 1913).	To make inspection of forest experiment stations, cooperative planting with the Bureau of Plant Industry at dry-farm stations, and of general investigative work in the field.	642.73	Do.
Do.	do.	New York, N. Y. (Feb. 17-18, 1914)	To deliver a paper before the annual meeting of the American Paper and Pulp Association.	20.50	Do.
Do.	do.	Boston, Mass. (June 30, 1914; trip not completed during fiscal year).	To inspect the work on the project carried on in cooperation with the Bureau of Entomology and having as its object the determining of the best methods of forest management for the control of the gipsy and brown-tail moths in New England.	25.25	Do.

BUREAU OF CHEMISTRY.

Albright, A. R.	Assistant chemist	Detroit and Jackson, Mich.; Chicago, Ill. (July 19-31, 1913).	To investigate the manufacture of soluble flavoring extracts; to study commercial processes and investigate their effect upon the final product in connection with the enforcement of the food and drugs act.	\$78.61	Enforcement of the food and drugs act, 1914.
Do.	do.	St. Louis, Mo.; Dayton and Columbus, Ohio; Washington, D. C. (Aug. 1-17, 1913).	do.	73.60	Do.
Do.	do.	Points in New York and Pennsylvania (Oct. 27-Nov. 19, 1913).	To investigate the production of wintergreen and birch oils and collecting samples thereof in connection with the enforcement of the food and drugs act.	188.37	Do.
Alsberg, C. L.	Chief of Bureau of Chemistry.	Baltimore, Md. (July 11, 1913)	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drugs act.	1.85	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Alsberg, C. L.	Chief of Bureau of Chemistry.	Chicago, Ill.; Colorado Springs, Colo.; Englewood, Ill.; Rochester, N. Y.; Philadelphia, Pa. (Sept. 6-13, 1913).	To supervise, direct, and inspect the work of the Bureau of Chemistry in connection with the enforcement of the food and drug acts.	\$128.01	Enforcement of the food and drugs act, 1914.
Do.	do.	Chicago, Ill.; St. Paul and Minneapolis, Minn. (Oct. 4-11, 1913).	do.	85.05	Do.
Do.	do.	Philadelphia, Pa. (Oct. 18, 1913).	do.	8.20	Do.
Do.	do.	New York City (Nov. 20-22, 1913).	do.	19.50	Do.
Do.	do.	New York City and Baltimore Md. (Nov. 27-29, 1913).	do.	18.65	Do.
Do.	do.	Philadelphia, Pa., and Atlantic City, N. J. (Dec. 3-4, 1913).	do.	16.55	Do.
Do.	do.	Philadelphia, Pa. (Dec. 29, 1913).	do.	11.50	Do.
Do.	do.	Atlanta, Ga. (Dec. 29-Jan. 2, 1914).	do.	63.80	Do.
Do.	do.	Baltimore, Md. (Jan. 7, 1914).	do.	1.75	Do.
Do.	do.	Philadelphia, Pa. (Jan. 20-21, 1914).	do.	13.10	Do.
Do.	do.	Philadelphia, Pa. (Jan. 22-23, 1914).	do.	13.10	Do.
Do.	do.	Baltimore, Md. (Feb. 3, 1914).	do.	1.75	Do.
Do.	do.	Philadelphia, Pa.; New York City, New Haven, Conn. (Feb. 25-28, 1914).	do.	33.65	Do.
Do.	do.	New York City (Mar. 20-21, 1914).	do.	17.50	Do.
Do.	do.	Cincinnati, Ohio (Apr. 7-10, 1914).	do.	50.90	Do.
Abbott, J. S.	Chemist in charge of State cooperative food and drug control.	Cincinnati, Ohio; Lexington, Ky.; Indianapolis, Ind.; St. Louis, Mo.; Dallas, Tex.; Oklahoma City, Okla.; Topeka, Kans.; Kansas City, Mo.; Lincoln, Neb.; Des Moines, Iowa; Vermillion, S. Dak.; Fargo, N. Dak.; St. Paul, Minn.; Madison, Wis.; Chicago, Ill. (June 1-30, 1914).	To perform work as regards collaboration between the Federal and State Governments in connection with the enforcement of the food and drugs act; to secure closer and more effective cooperation in this important work.	285.18	Do.
Do.	do.	New York, N. Y.; Richmond, Va.; Raleigh, N. C.; Columbia, S. C.; Augusta, Atlanta, Ga.; Auburn, Montgomery, Ala.; Tallahassee, Pensacola, Fla.; Artesia, Miss.; West Point, Miss. (May 2-19, 1914).	do.	158.73	Do.
Bacon, C. B.	Assistant chemist.	New York City; Park Ridge, Newark, N. J.; Bridgeport, Conn. (Feb. 9-12, 1914).	To study the manufacture of typewriter ribbons, carbon paper, ink, and other similar materials to enable the bureau to improve methods of testing to detect inferiority and to determine as to real quality and worth.	32.17	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).

Enforcement of the food and drugs act, 1914.	10. 20	To provide for the dismantling of the Detroit food and drug inspection laboratory in connection with the food and drugs act.	Enforcement of the food and drugs act, 1914.
Do.	77. 20	To study questions relating to the manufacture and adulteration of oils and fats in connection with the enforcement of the food and drugs act.	Do.
Do.	2. 35	do.	Do.
Do.	87. 35	do.	Do.
Do.	96. 95	do.	Do.
Do.	30. 15	do.	Do.
Do.	27. 15	To study methods of analysis and the manufacture of vinegar in connection with the enforcement of the food and drugs act.	Do.
Do.	103. 81	To conduct bacteriological investigations and studies of oysters, milk, cream, and other dairy products entering interstate commerce in connection with the enforcement of the food and drugs act.	Do.
Do.	97. 53	do.	Do.
Do.	31. 35	To appear as witness in a case reported for prosecution under the food and drugs act.	Do.
Do.	63. 70	To conduct bacteriological investigations and studies of oysters, milk, cream, and other dairy products entering interstate commerce in connection with the enforcement of the food and drugs act.	Do.
Do.	76. 43	do.	Do.
Do.	19. 30	To appear as witness in a case reported for prosecution under the food and drugs act.	Do.
Do.	18. 90	To conduct bacteriological investigations and studies of oysters, milk, cream, and other dairy products entering interstate commerce in connection with the enforcement of the food and drugs act.	Do.
Do.	9. 65	do.	Do.
Do.	13. 50	do.	Do.
Do.	21. 80	do.	Do.
Do.	9. 30	do.	Do.
Do.	115. 35	To appear as witness in a case reported for prosecution under the food and drugs act.	Do.
Do.	29. 65	do.	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bates, C.	Assistant bacteriologist.	Solomon, Annapolis, Baltimore. Md. (Mar. 9-14, 1914).	To conduct bacteriological investigations and studies of oysters, milk, cream, and other dairy products entering interstate commerce, in connection with the enforcement of the food and drugs act.	\$14.97	Enforcement of the food and drugs act 1914.
Do.	do.	Baltimore, Md. (Apr. 1-11, 1914).	do.	26.73	Do.
Do.	do.	Pittsburgh, Pa. (Apr. 16-19, 1914).	do.	34.05	Do.
Do.	do.	East Aurora, N. Y.; Philadelphia, Pa. (Apr. 21-23, 1914).	do.	34.74	Do.
Do.	do.	Pittsburgh, Philadelphia, Pa.; Atlantic City, N. J. (May 5-10, 1914).	do.	43.22	Do.
Do.	do.	Atlantic City, N. J.; Philadelphia, Pa. (May 18-21, 1914).	do.	25.05	Do.
Do.	do.	Pittsburgh, Pa. (June 3-5, 1914).	do.	27.15	Do.
Do.	do.	Norfolk, Va. (June 8-11, 1914).	To appear as witness in a case reported for prosecution under the food and drugs act.	20.50	Do.
Do.	do.	Annapolis, Baltimore, Md. (June 25-26, 1914).	To conduct bacteriological investigations and studies of oysters, milk, cream, and other dairy products entering interstate commerce, in connection with the enforcement of the food and drugs act.	8.75	Do.
Baughman, W. F.	Assistant chemist.	Parkersburg, Mason City, W. Va.; Pomeroy, Middleport, Athens, Ohio (Feb. 24-26, 1914).	To investigate the removal of barium and other impurities from salt, in connection with the enforcement of the food and drugs act.	36.63	Do.
Do.	do.	Parkersburg, Mason City, W. Va.; Middleport, Athens, Ohio (Apr. 22-May 11, 1914).	do.	107.83	Do.
Bldwell, G. L.	Chief of cattle, feed, and grain laboratory.	Baltimore, Md. (Aug. 16, 1913).	To investigate flour milling by-products in connection with the enforcement of the food and drugs act.	2.05	Do.
Do.	do.	Raleigh, Wilmington, N. C.; Columbia, S. C.; Savannah, Valdosta, Ga.; Madison, Fla.; Atlanta, Covington, Ga.; Montgomery, Selma, Ala.; Meridian, Vicksburg, Miss.; Memphis, Chattanooga, Tenn.; Calhoun, Ga.; Charlotte, N. C. (Dec. 2-27, 1913).	To study the preparation of cottonseed products, in connection with the enforcement of the food and drugs act.	164.14	Do.
Blesterfeld, C. H.	Assistant chemist.	Trenton, N. J. (Mar. 17, 1914).	To appear as a witness in a case reported for prosecution under the food and drugs act.	14.25	Do.

Boughton, E. W.	Philadelphia, Pa. (June 21-26, 1914).	To procure information regarding varnish and samples of known composition in order to develop the method of varnish analysis.	28.26	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Black, C. L.	New York City (Oct. 15-21, 1913).	To appear as witness in case arising under the food and drugs act.	44.00	Enforcement of the food and drugs act, 1914.
Do.	New York City (Mar. 8-Apr. 7, 1914).	To assist in the analysis of samples of samples, in connection with the enforcement of the food and drugs act at the New York food and drug inspection laboratory.	87.15	Do.
Breazeale, J. F.	Manassas, Charlottesville, Va.; Cincinnati, Ohio; St. Louis, Mo.; Omaha, North Platte, Nebr.; Chicago, Ill.; Kalama, Oo, Detroit, Mich.; Toledo, Ohio; Pittsburgh, Pa. (Aug. 16-29, 1913).	To study the preparation of agricultural products for canning, and study the chemical effects on agricultural products when handled by different methods, etc., and to attend a meeting of the Great Plains Cooperative Experiment Association.	134.09	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.	Fairfax, Va. (Oct. 1-3, 1913).	To attend fair for the purpose of demonstrating home canning of vegetables.	12.00	Do.
Do.	San Francisco, Cal.; Minneapolis, Minn. (Mar. 21-May 26, 1914).	To conduct chemical investigations on wheat; to determine the chemical effects of early applications of fertilizers on the yield and composition of the crop; to investigate the cause of chlorosis of the citrus fruits.	430.40	Do.
Broomell, A. W.	New York City (Apr. 13-19, 1914).	To investigate the composition and manufacture of almond and other nut pastes, in connection with the enforcement of the food and drugs act.	40.45	Enforcement of the food and drugs act, 1914.
Bryan, A. H.	New York City (Aug. 10-13, 1913).	To assist in the taking of depositions in connection with the enforcement of the food and drugs act.	17.35	Do.
Do.	New Orleans, Meeker, La. (Sept. 5-13, 1913).	To investigate the manufacture of maple, cane, sorghum, and fruit sirups and molasses, also sugar from cane and beets; to manufacture sirup on a small scale from each of the above in connection with the enforcement of the food and drugs act.	107.82	Do.
Do.	Toledo, Ohio; Blissfield, Mich.; Decatur, Kokomo, Indianapolis, Ind.; New York City (Oct. 22-29, 1913).	do.	87.30	Do.
Do.	Philadelphia, Pa. (Nov. 11-14, 1913).	To appear as witness in case arising under the food and drugs act.	25.65	Do.
Do.	Philadelphia, Pa. (Nov. 17-21, 1913).	do.	33.00	Do.
Do.	Philadelphia, Pa. (Nov. 24, 1913).	do.	10.90	Do.
Chace, E. M.	Cincinnati, Ohio; Indianapolis, Ind.; St. Louis, Kansas City, Mo.; Iowa City, Iowa; Chicago, Ill.; Jackson, Detroit, Mich.; Buffalo, N. Y. (July 20-31, 1913).	To investigate the manufacture of soda-water flavors and nonalcoholic beverages, in connection with the enforcement of the food and drugs act.	127.71	Do.
Do.	Buffalo, Rochester, N. Y.; Springfield, Boston, Mass.; New York City; Jersey City, Passaic, N. J.; Philadelphia, Pa. (Aug. 1-9, 1913).	do.	63.85	Do.
Do.	Baltimore, Md. (Oct. 6, 1913).	do.	2.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Chace, E. M.	Assistant chief of food inspection division.	Los Angeles, Porterville, Lindsay, Cal. (Oct. 25-31, 1913).	To investigate the production of citrus by-products from cull fruit and the manufacture of citric acid and bitartrate of lime.	\$119.85	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.	do.	Porterville, Lindsay, Los Angeles, and other points in California (Nov. 1-30, 1913).	do.	152.10	Do.
Do.	do.	Porterville, Strathmore, Los Angeles, and other points in California (Dec. 1-31, 1913).	do.	148.80	Do.
Do.	do.	Riverside, Los Angeles, and other points in California (Jan. 1-31, 1914).	do.	177.25	Do.
Do.	do.	Pasadena, Los Angeles, San Fernando, Cal. (Feb. 1-28, 1914).	do.	116.55	Do.
Do.	do.	Santa Ana, Los Angeles, Cal. (Mar. 1-26, 1914).	do.	168.77	Do.
Do.	Chemist in charge of citrus by-products laboratory.	New York City, Mamakating, N. Y.; Allentown, White Haven, Pa. (June 3-12, 1914).	To arrange for the manufacture and collection of authentic samples of wintergreen, birch, and sassafras oils, in connection with the enforcement of the food and drugs act.	62.87	Enforcement of the food and drugs act, 1914.
Chick, T.	Skilled laborer.	St. Louis, Mo. (July 1-27, 1913).	To install plumbing and other equipment in the new quarters of the St. Louis food and drug inspection laboratory.	94.75	Do.
Do.	do.	Boston, Mass. (Aug. 4-Oct. 22, 1913).	To install plumbing and other equipment in the new quarters of the Boston food and drug inspection laboratory.	227.80	Do.
Do.	do.	Chicago, Ill. (Dec. 7, 1913-Jan. 4, 1914).	To assist in the installation of the drug inspection laboratory at Chicago, Ill.	115.50	Do.
Do.	do.	Chicago, Ill. (May 25-June 26, 1914).	To assist in the installation of laboratory equipment in the food and drug inspection laboratory at Chicago, Ill.	124.62	Do.
Campbell, B. J.	Clerk.	Chicago, Ill. (Apr. 16-17, 1914).	To be permanently assigned to Chicago, Ill.	25.30	Do.
Campbell, W. G.	Chief, eastern food and drug inspection district.	New York City; Boston, Mass.; Philadelphia, Pa. (Feb. 15-21, 1914).	To conduct and supervise the food and drug inspection work of the eastern district.	56.45	Do.
Church, C. G.	Assistant chemist.	Gainesville, Jacksonville, Fla.; Yuma, Ariz.; Vincennes, Decker, Ind. (July 1-31, 1913).	To study the influence of environment on the chemical composition of cantaloupes.	284.20	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cook, F. C.....	Physiological chemist.	New Orleans, La.; Pensacola, Fla. (Dec. 10-13, 1913).	To investigate the preparation of certain egg products and investigate the preparation for market and shipment of fish, in connection with the enforcement of the food and drugs act.	\$26.55	Enforcement of the food and drugs act, 1914.
Do.....	do.....	New Orleans, La. (Dec. 13-21, 1913).....	To conduct chemical investigations as to the effects on the fertilizing properties of manure, from an agricultural standpoint, when treated with the various insecticides and larvacides, in an endeavor to destroy the fly maggot and at the same time not destroy the fertilizing value of the manure, in collaboration with the Bureau of Entomology of this department.	73.40	General expenses, Bureau of Chemistry, 1914. (agricultural investigations).
Do.....	do.....	New York City; New Haven, Conn. (June 15-20, 1914).	To inspect infant food factories, consulting with experts in infant foods, etc., in connection with the enforcement of the food and drugs act.	38.88	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Baltimore, Md. (June 29-30, 1914).....	To consult with infant food experts and conducting studies relative to the preparation of infant foods, in connection with the enforcement of the food and drugs act.	8.05	Do.
Dickerson, E. O.....	Laboratory helper.....	New York City (Sept. 24-30, 1913).....	To assist in the special investigations of milk, cream, etc., entering interstate commerce, in connection with the enforcement of the food and drugs act.	33.85	Do.
Do.....	do.....	New York City (Oct. 1-8, 1913).....	do.....	38.45	Do.
Dodge, C. O.....	Assistant chemist.....	St. Louis, Mo.; Iowa City, Iowa; Cincinnati, Ohio; Chicago, Ill. (July 20-31, 1913).	To inspect vanilla extract factories, in connection with the enforcement of the food and drugs act.	98.15	Do.
Do.....	do.....	Chicago, Ill. (Aug. 1-9, 1913).....	do.....	66.90	Do.
Do.....	do.....	New York City (Oct. 14-16, 1913).....	To appear as witness in case arising under the food and drugs act.	22.05	Do.
Donk, M. G.....	do.....	Moscow, Idaho (Jan. 20-24, 1914).....	To take charge of cooperative work between the Bureau of Chemistry and the University of Idaho, on wood distillation in an investigation of this matter from an agricultural chemistry standpoint.	93.45	General expenses, Bureau of Chemistry 1914 (agricultural investigations).

Do.	Do.	Do.	11.50	Do.	Do.
Do.	Do.	Enforcement of the food and drugs act, 1914.	96.80	Do.	Do.
Doyle, A. M.	Chemical assistant.	To appear as witness in case arising under the food and drugs act.	27.90	Do.	Do.
Do.	Do.	Do.	39.90	Do.	Do.
Dunbar, P. B.	Assistant chemist.	To investigate and make special examinations of oranges, in connection with the enforcement of the food and drugs act.	3.55	Do.	Do.
Do.	Do.	Do.	3.20	Do.	Do.
Do.	Do.	To study the canning of food products, in connection with the enforcement of the food and drugs act.	23.80	Do.	Do.
Do.	Do.	Do.	17.30	Do.	Do.
Do.	Do.	Do.	32.15	Do.	Do.
Do.	Do.	Do.	30.05	Do.	Do.
Do.	Do.	To study the canning of food products, and to attend the meeting of the National Canners' Association, in connection with the enforcement of the food and drugs act.	13.55	Do.	Do.
Emerson, R. L.	Assistant chief of the bureau.	To direct, supervise, and inspect the work of the bureau and other necessary work in connection with the food and drugs act.	19.59	Do.	Do.
Do.	Do.	Do.	37.22	Do.	Do.
Do.	Do.	Do.	40.89	Do.	Do.
Emery, W. O.	Chief, synthetic products laboratory.	To appear as witness in case arising under the food and drugs act.	114.95	Do.	Do.
Gilbert, J. A.	Laboratory helper.	To be permanently assigned at Chicago, Ill.	27.65	Do.	Do.
Gore, H. C.	Scientific assistant.	To investigate the possibility of manufacture of concentrated fruit juices.	238.80	General expenses, bureau of Chemistry, 1914 (agricultural investigations).	Do.
Do.	Chemist in charge fruit and vegetable utilization laboratory.	To conduct field experiments in the concentration of fruit juices by freezing, and in the study of other fruit by-products.	118.25	Do.	Do.
Do.	Do.	Do.	72.50	Do.	Do.
Do.	Do.	Do.	141.95	Do.	Do.
Do.	Do.	To attend the convention of the National Canners' Association.	1.60	Do.	Do.
Do.	Do.	To make arrangements at the distiller's shop dryer, in connection with investigations relative to the chemical effects of drying fruit and vegetables.	1.75	Do.	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Gore, H. C.	Chemist in charge of fruit and vegetable utilization laboratory.	Houlton, Portland, Me.; Boston, Mass.; Baltimore, Md. (Apr. 23-29, 1914).	To make arrangements for the location of potato-drying work; to investigate potato de-watering machinery and to conduct experiments in drying potatoes in a drier for brewer's grain.	\$74.25	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.	do.	Chicago, Ill.; Madison, Wis.; Rochester, N. Y. (May 2-12, 1914).	To conduct experiments on the chemical effects of drying on potatoes.	92.58	Do.
Do.	do.	Philadelphia, Pa. (May 18-19, 1914).	To investigate driers to be used in drying pressed potato pulp in connection with investigations regarding the chemical effect on certain agricultural products in their preparation for preservation.	14.80	Do.
Goodnow, E. H.	Assistant chemist.	Chicago, Ill. (Feb. 16-26, 1914).	To appear as witness in case arising under the enforcement of the food and drugs act.	97.00	Enforcement of the food and drugs act, 1914.
Do.	do.	St. Paul, Minn. (Apr. 19-21, 1914).	To be permanently assigned to St. Paul laboratory.	38.50	Do.
Grant, E. H.	do.	San Juan, P. R. (Nov. 22-Dec. 5, 1913).	To be permanently assigned to Porto Rico laboratory.	50.80	Do.
Greathouse, R. C.	Scientific assistant.	Baltimore, Md.; Philadelphia, Glenn Alden, Pa.; New York City; St. Louis, Mo.; Chicago, Ill.; Battle Creek, Ann Arbor, Detroit, Mich.; Buffalo, N. Y. (Jan. 13-29, 1914).	To conduct bacteriological investigations regarding the manufacture of "B. bulgaricus" tablets and sour milk preparations in connection with the enforcement of the food and drugs act.	143.09	Do.
Do.	do.	Norfolk, Va. (June 8-11, 1914).	To appear as witness in case arising under the food and drugs act.	18.20	Do.
Harding, T. S.	Assistant chemist.	Philadelphia, Pa.; Buffalo, N. Y. (Sept. 7-Oct. 24, 1913).	To assist in analysis of fruit juices and fruits in a study of the preparation of wines, fruit juices, etc.	267.78	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Harrison, C. W.	do.	Boston, Mass. (July 1-Oct. 18, 1913).	To assist in analysis of food and drug samples at Boston laboratory.	300.10	Enforcement of the food and drugs act, 1914.
Do.	do.	New York City (Mar. 10-Apr. 19, 1914).	To assist in analysis of food and drug samples, in the New York laboratory, in connection with the enforcement of the food and drugs act.	84.90	Do.
Hartmann, B. G.	Fermentation chemist	Buffalo, Westfield, Ripley, Fredonia, Medina, N. Y. (Oct. 5-29, 1913).	To study the manufacture of grape juice in connection with the enforcement of the food and drugs act.	132.21	Do.
Do.	do.	Buffalo, Medina, Albion, N. Y. (Dec. 2-4, 1913).	.....do.....	35.96	Do.

Do.....	do.....	Buffalo, Westfield, Ripley, Fredonia, Highland, New York City, N. Y. (Feb. 11-15, 1914).	48. 59	Do.
Do.....	do.....	Chicago, Ill. (Apr. 1-2 1914).	25. 05	Do.
Haywood, J. K.....	Chief of Miscellaneous Division and chair- man of insecticide and fungicide board.	Chicago, Ill.; Milwaukee, Wis.; Minneap- olis, Duluth, Minn. (July 21-31, 1913).	54. 59	Do.
Do.....	do.....	Cleveland, Ohio; Buffalo, N. Y. (Aug. 1-4, 1913).	20. 75	Do.
Do.....	do.....	Kansas City, Mo. (Oct. 3-Nov. 3, 1913).....	86. 05	Do.
Hillyer, W. E.....	Scientific assistant.....	Branchville, N. J.; New York City (Aug. 4-10, 1913).	33. 80	Do.
Do.....	do.....	New York City (Oct. 21-Nov. 1, 1913).....	73. 10	Do.
Do.....	do.....	New York City; Hartford, Waterbury, Bristol, Conn. (Nov. 25-Dec. 2, 1913).	55. 55	Do.
Do.....	do.....	New York City, Hartford, Waterbury, Conn. (Dec. 9-11, 1913).	29. 50	Do.
Do.....	do.....	New York City; Hartford, Conn. (Jan. 24-Feb. 1, 1914).	56. 10	Do.
Do.....	do.....	Chicago, Ill. (Feb. 10-26, 1914).....	123. 85	Do.
Do.....	do.....	New York City (June 7-30, 1914).....	97. 05	Do.
Hoover, G. W.....	Chief of drug inspec- tion laboratory.	New York City, Saranac Lake, N. Y. (Sept. 23-25, 1913).	44. 10	Do.
Do.....	do.....	St. Paul, Minneapolis, Minn. (Oct. 1-12, 1913).	32. 25	Do.
Do.....	do.....	Minneapolis, Minn.; Chicago, Ill. (Oct. 12-18, 1913).	93. 80	Do.
Do.....	do.....	Cincinnati, Ohio; St. Louis, Mo.; Chicago, Ill. (Feb. 15-26, 1914).	113. 80	Do.
Do.....	do.....	Chicago, Ill. (Mar. 17, 1914).....	26. 45	Do.
Houghton, H. W.....	Assistant chemist.....	Eastport, Me. (July 1-Oct. 22, 1913).....	254. 65	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Houghton, H. W.	Assistant chemist.	Eastport, Portland, Me.; Boston, Peabody, Mass.; Albany, Gloversville, New York City, N. Y. (Nov. 11-Dec. 24, 1913).	To assist in the investigations of the handling, packing, and preparation of sardines in connection with the enforcement of the food and drugs act.	\$156.46	Enforcement of the food and drugs act, 1914.
Do.	do.	Baltimore, Md. (Feb. 5, 1914).	To attend the convention of the National Canners' Association.	2.95	Do.
Do.	do.	Chicago, Ill. (Feb. 13-26, 1914).	To appear as witness in case arising under the food and drugs act.	112.55	Do.
Do.	do.	New York City; Fall River, Boston, Mass.; Eastport, Me. (June 7-30, 1914).	To assist in the investigation relative to the preparation and canning of sardines, in connection with the enforcement of the food and drugs act.	68.60	Do.
Howard, B. J.	Chief of microchemical laboratory.	Cincinnati, Ohio (Aug. 6-7, 1913).	To conduct investigations regarding the manufacture of certain food products, in connection with the enforcement of the food and drugs act.	25.00	Do.
Do.	do.	Naval Academy Junction, Baltimore, Md. (Sept. 16-17, 1913).	do.	4.40	Do.
Do.	do.	Baltimore, Jessup, Md. (Sept. 22, 1913).	do.	2.75	Do.
Do.	do.	Baltimore, Md. (Sept. 24, 1913).	do.	1.80	Do.
Do.	do.	New York City (Oct. 8-11, 1913).	do.	33.78	Do.
Do.	do.	Philadelphia, Pa. (Oct. 16, 1913).	To appear as witness in case arising under the food and drugs act.	12.60	Do.
Do.	do.	Charleston, S. C. (Nov. 5-8, 1913).	To conduct investigations regarding the manufacture of certain food products, in connection with the enforcement of the food and drugs act.	49.05	Do.
Do.	do.	Baltimore, Md. (Feb. 5, 1914).	To attend annual convention of the National Canners' Association.	2.35	Do.
Do.	do.	Chicago, Ill. (Feb. 13-26, 1914).	To appear as witness in case arising under the food and drugs act.	111.25	Do.
Hudson, C. S.	Chief of physiological chemical laboratory.	Philadelphia, Pa. (July 1-31, 1913).	To study the action of bacteria upon pure carbohydrates, in connection with the enforcement of the food and drugs act.	22.70	Do.
Do.	Chief of carbohydrate laboratory.	Philadelphia, Pa. (Oct. 3-6, 1913).	do.	25.00	Do.
Do.	do.	Florence, Lynchburg, Olanita, S. C.; Jessup, Bainbridge, Ga.; Quincy, Hardaway, River Junction, Tallahassee, State College, Fla.; Cairo, Ga.; Montgomery, Mobile, Ala.; Opelika, Columbia, Ga. (Oct. 29-Nov. 10, 1913).	To make experimental studies and observations on the manufacture of cane sirup, in connection with the enforcement of the food and drugs act.	114.61	Do.

Do.....	do.....	Columbia, Ga.; Philadelphia, Pa. (Nov. 11-13, 1913).	To appear as witness in case arising under the food and drugs act.	38.30	Do.
Do.....	do.....	Philadelphia, Pa.; New York City (Nov. 13-14, 1913).	To make experimental studies and observations on the manufacture of cane sirup, in connection with the enforcement of the food and drugs act.	12.40	Do.
Do.....	do.....	New York City; Philadelphia, Pa. (Nov. 17-21, 1913).	To appear as witness in case arising under the food and drugs act.	28.65	Do.
Do.....	do.....	Philadelphia, Pa. (Nov. 24, 1913).	do.....	8.65	Do.
Do.....	do.....	Philadelphia, Pa.; New York City (Nov. 24-26, 1913).	To make experimental studies and observations on the manufacture of cane sirup, in connection with the enforcement of the food and drugs act.	16.40	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 26-30, 1913).	To study the action of bacteria upon pure carbohydrates, in connection with the enforcement of the food and drugs act.	29.10	Do.
Do.....	do.....	New York City; Boston, Mass. (Jan. 3-11, 1914).	To make investigations regarding the sale of chocolate, confectionery, and cane sirup, in connection with the enforcement of the food and drugs act.	74.10	Do.
Do.....	do.....	Princeton, N. J.; New York City (Jan. 23-26, 1914).	To make experimental studies and observations on the manufacture of cane sirup, in connection with the enforcement of the food and drugs act.	28.60	Do.
Do.....	do.....	Princeton, N. J.; New York City (Feb. 20-24, 1914).	do.....	30.40	Do.
Do.....	do.....	Baltimore, Md.; Princeton, N. J.; New York City (Mar. 13-16, 1914).	do.....	22.30	Do.
Do.....	do.....	Philadelphia, Pa.; Princeton, N. J. (Mar. 27-30, 1914).	do.....	20.70	Do.
Do.....	do.....	Princeton, Trenton, N. J. (Apr. 17-19, 1914).	do.....	16.15	Do.
Do.....	do.....	Princeton, N. J. (May 1-4, 1914).	do.....	20.43	Do.
Do.....	do.....	Princeton, N. J. (May 15-18, 1914).	do.....	19.38	Do.
Do.....	do.....	Princeton, Newark, N. J. (June 4-8, 1914).	do.....	25.32	Do.
Ingle, M. J.....	Assistant chemist.....	New York City, Poughkeepsie, Highland, N. Y. (Oct. 6-9, 1913).	To study the manufacture of commercial grape juice, in connection with the enforcement of the food and drugs act.	32.70	Do.
Jacobs, B. R.....	do.....	Buffalo, N. Y. (Sept. 22-27, 1913).	To attend the convention of National Association of Master Bakers to secure information of value relative to agricultural investigations regarding the value of various wheats produced under varied conditions.	50.00	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.....	do.....	Charleston, W. Va. (Oct. 8-10, 1913).	To make an examination of a lot of flour to ascertain whether or not it was adulterated or misbranded, in connection with the enforcement of the food and drugs act.	31.80	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Hartford, Conn. (Dec. 9-10, 1913).	To appear as witness in case arising under the food and drugs act.	26.50	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Jacobs, B. R.....	Assistant chemist.....	New York City (Dec. 10-18, 1913).....	To perform experiments on noodles with varying amounts of eggs and to determine their composition as a means of detecting whether whole eggs or egg yolks have been used in the composition of these noodles.	\$35.55	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Hartford, Conn.; New York City (Jan. 27-30, 1914).....	To appear as witness in case arising under the food and drugs act.	30.15	Do.
Kahn, Max.....	Dairy chemist.....	New York City (Dec. 12-16, 1913).....	To procure data relative to subject of calcium therapy of tuberculosis, to be used in connection with a case arising under the food and drugs act.	38.15	Do.
Kabler, L. F.....	Chief of Drug Division.	Atlanta, Ga.; Chattanooga, Nashville, Tenn.; Cincinnati, Ohio (Aug. 14-27, 1913).	To perform work regarding drug problems in connection with the enforcement of the food and drugs act, and to attend the annual meeting of the American Pharmaceutical Association at Nashville, to discuss the standards in the Pharmacopoeia and National Formulary as well as future standards for drugs to be included in these authorities.	125.30	Do.
Do.....	do.....	Minneapolis, Minn.; Chicago, Ill.; Detroit, Mich. (Oct. 3-17, 1913).	To appear as witness in case arising under the food and drugs act, and to confer with witnesses to secure information and data in connection with the enforcement of the food and drugs act.	133.75	Do.
Do.....	do.....	Cincinnati, Mount Gilead, Ohio; Edison, Pittsburgh, Pa. (Nov. 9-13, 1913).	To confer with witnesses, secure information and data to be used in connection with the enforcement of the food and drugs act.	58.55	Do.
Do.....	do.....	Baltimore, Md. (Apr. 17, 1914).....	To make chewing-gum investigations, in connection with the enforcement of the food and drugs act.	4.35	Do.
Do.....	do.....	Lexington, Ky. (June 17-20, 1914).....	To address the Kentucky Pharmaceutical Association in regard to the drug work of the Bureau of Chemistry.	47.70	Do.
Keister, J. T.....	Assistant chemist.....	Pittsburgh, Pa. (July 1-14, 1913).....	To make chemical examination of milk, cream, etc., entering interstate commerce, in connection with the enforcement of the food and drugs act.	80.92	Do.
Do.....	do.....	Bluefield, W. Va. (Aug. 4-16, 1913).....	do.....	72.56	Do.
Do.....	do.....	New York City (Sept. 25-Oct. 9, 1913).....	do.....	88.50	Do.
Kent, R. C.....	do.....	Chicago, Ill. (Apr. 16-17, 1914).....	To be permanently assigned to Chicago.....	24.45	Do.

Lanson, R. W.	Bacteriologist.....	New York City; Amherst, Northampton, Mass.; Ogdensburg, N. Y. (June 12-30, 1914).	To conduct inspections and examinations of dairies offering milk for importation into this country and the examination of the milk itself, in connection with the enforcement of the food and drugs act.	107.70	Do.
Le Clerc, J. A.	Chief of plant chemistry laboratory.	New Orleans, Crowley, La.; Beaumont, Amelia, Tex. (Aug. 24-Sept. 5, 1913).	To confer with the officials of the Bureau of Plant Industry regarding cooperative work to determine the chemical effect on rice grown under known conditions at the various points.	120.96	General expenses, Bureau of Chemistry 1914 (agricultural investigations).
Do.	do.	Rochester, Ithaca, Geneva, Canandaigua, N. Y. (Sept. 7-15, 1913).	To confer with the experimental station officials regarding agriculture chemistry problems and to attend the meeting of the American Chemical Society, Rochester, N. Y.	57.89	Do.
Do.	do.	Buffalo, N. Y. (May 31-June 6, 1914).	To represent the department at the convention of Fraternity of Operative Millers of America, and to address the convention on "The necessity of chemistry in the manufacture of flour."	53.75	Do.
Le Fevre, E.	Scientific assistant.	To points within and throughout Illinois (Mar. 15-Apr. 23, 1914).	To do cooperative work with the State commission of Illinois, in relation to milk and other dairy products, in connection with the enforcement of the food and drugs act.	255.98	Enforcement of the food and drugs act, 1914.
Linton, F. B.	Supervising clerk.	New York City (Oct. 21-23, 1913).	To make administrative examinations of the financial property and other records of the branch laboratories of the Bureau of Chemistry, and supervise and direct the keeping of same.	24.50	Do.
Do.	do.	Pittsburgh, Pa.; Toledo, Ohio; Ann Arbor, Mich. (Nov. 8-12, 1913).	To arrange details of work in connection with a special investigation relative to preservation of food products, in connection with the enforcement of the food and drugs act.	47.27	Do.
Loomis, H. M.	Chief of laboratory and member of board of food and drug inspectors.	Baltimore, Md. (Sept. 24, 1913).	To visit food factories, securing information, consulting prospective witnesses, and other necessary work in connection with the enforcement of the food and drugs act.	1.60	Do.
Do.	do.	Baltimore, Md. (Feb. 3-5, 1914).	To attend the convention of the National Canners' Association.	5.70	Do.
Do.	do.	Chicago, Ill. (Feb. 13-25, 1914).	To appear as a witness in case arising under the food and drugs act.	107.25	Do.
Do.	do.	Wilmington, Del. (May 23, 1914).	To attend the convention of canners as a representative of the Bureau of Chemistry.	7.10	Do.
Lynch, W. D.	Assistant chemist.	Philadelphia, Pa. (Aug. 8-10, 1913).	To appear as a witness in connection with the enforcement of the insecticide act of 1910.	16.35	Enforcement of the insecticide act, 1914.
Do.	do.	New York, N. Y. (Oct. 28-30, 1913).	do.	21.60	Do.
Do.	do.	Philadelphia, Pa. (Mar. 15-16, 1914).	do.	11.60	Do.
McGee, W. J.	Chemist in charge in Washington food and drugs laboratory.	Pittsburgh, Pa.; Buffalo, N. Y. (June 10-29, 1914).	To temporarily supervise the work at the Buffalo laboratory.	60.78	Enforcement of the food and drugs act, 1914.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mason, M. L.....	Bacteriological chemist.	Kansas City, Mo. (July 7-Aug. 6, 1913).....	To make bacteriological examination of samples of milk entering interstate commerce, in connection with the enforcement of the food and drugs act.	\$196.15	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Norfolk, Va. (June 8-11, 1914).....	To appear as witness in case arising under the food and drugs act.	18.10	Do.
Mastin, M. G.....	Assistant chemist.....	New York City, Peekskill, N. Y.; Philadelphia, Pa. (Feb. 2-7, 1914).	To conduct investigations to determine the relative food value of wheats produced under varying conditions, and to study from a chemical standpoint the effect on the product of wheat produced under varying conditions.	42.75	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Merrill, E. C.....	do.....	Baltimore, Md. (July 17, 1913).....	To make inspections of imported food and drug products at appraisers' stores, in connection with the enforcement of the food and drugs act.	1.90	Enforcement of the food and drugs act, 1914.
Do.....	do.....	Baltimore, Md. (Sept. 5, 1913).....	do.....	1.85	Do.
Do.....	do.....	Baltimore, Md. (Sept. 17, 1913).....	do.....	1.90	Do.
Do.....	do.....	Baltimore, Md. (Jan. 5, 1914).....	do.....	1.90	Do.
Do.....	do.....	Baltimore, Md. (Jan. 15, 1914).....	do.....	1.90	Do.
Do.....	do.....	Baltimore, Md. (Jan. 28, 1914).....	do.....	1.85	Do.
Do.....	do.....	New York City (Mar. 11-21, 1914).....	To assist in the drug-inspection work in connection with the enforcement of the food and drugs act.	65.30	Do.
Do.....	do.....	Baltimore, Md. (June 4, 1914).....	To make inspections of imported food and drug products, at appraisers' stores, in connection with the enforcement of the food and drugs act.	1.90	Do.
Mitchell, A. S.....	Member of board of food and drugs inspection.	New York City (July 23-24, 1913).....	To appear as witness in case arising under the food and drugs act.	14.00	Do.
Do.....	Secretary of net weight law committee.	Baltimore, Md. (Feb. 3, 1914).....	To attend the convention of the National Canners' Association.	2.50	Do.
Mitchell, L. C.....	Assistant chemist.....	New York, Buffalo, N. Y. (Feb. 2-21, 1914).	To study the manufacture of flour, pastry, and bread, and to obtain information relative thereto, for use in connection with the enforcement of the food and drugs act.	132.03	Do.
Do.....	do.....	St. Paul, Minn. (Apr. 16-18, 1914).....	To be permanently assigned to St. Paul laboratory.	36.25	Do.

Moore, C. C.	Do.	Chicago, Ill.; Minneapolis, Minn.; Spokane, Wash.; Portland, Redmont, Corvallis, Salem, Oreg.; San Francisco, Stockton, San Jose, Oakland, Berkeley, Pittsburg, Cal.; Omaha, Nebr.; Cincinnati, Ohio (Sept. 1-Dec. 18, 1913).	Do.	To investigate potatoes as to their chemical composition with reference to their adaptability for uses in drying for food and other purposes for the manufacture of starch, glucose, and other products, etc.	661.95	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.	Do.	New York, N. Y.; New Haven, Conn.; Providence, R. I.; Houlton, Presque Isle, Me.; Boston, Lowell, Lynn, Fall River, Mass.; Philadelphia, Pa. (May 26-June 30, 1914).	224.64	do.		Do.
Morgan, F. P.	Medico-chemical analyst.	Norfolk, Va. (June 9-12, 1914).	19.65	To appear as witness in case arising under the food and drugs act.	19.65	Enforcement of the food and drugs act, 1914.
Morrison, W. L.	Laboratory helper.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).	165.09	To assist in installation and demonstration of department exhibits at Tulsa Dry Land Congress.	165.09	International Dry Land Congress, Tulsa, Okla., 1913-14.
Murray, A. G.	Assistant chemist.	St. Paul, Minneapolis, Minn. (Oct. 1-15, 1913).	133.45	To appear as witness in case arising under the food and drugs act.	133.45	Enforcement of the food and drugs act, 1914.
Olive, R. G.	Clerk.	Chicago, Ill. (Apr. 16-20, 1914).	27.75	To be permanently assigned to Chicago.	27.75	Do.
Paine, H. S.	Assistant chemist.	Baltimore, Md. (July 21, 1913).	2.95	To bring delicate scientific apparatus to Washington to be used in connection with the enforcement of the food and drugs act.	2.95	Do.
Patrick, G. E.	Chief of dairy laboratory.	Baltimore, Md. (Feb. 5, 1914).	1.75	To attend the convention of the National Canners' Association.	1.75	Do.
Patten, H. E.	Assistant chemist.	Norfolk, Va. (July 31, 1913).	8.00	To study commercial methods of carbonating wine, beers, etc., in connection with the enforcement of the food and drugs act.	8.00	Do.
Do.	Do.	Norfolk, Va. (Aug. 1-19, 1913).	79.50	do.	79.50	Do.
Do.	Do.	New York, N. Y.; Philadelphia, Pa.; Atlantic City, Egg Harbor, N. J. (Oct. 2-10, 1913).	65.68	do.	65.68	Do.
Do.	Do.	Penn. Yan, Hammondsport, Urbana, Bath, Elmira, N. Y. (Jan. 7-14, 1914).	52.84	do.	52.84	Do.
Do.	Do.	Cleveland, Sandusky, Ohio; Chicago, Ill.; Milwaukee, Madison, Wis.; Peoria, Ill.; Cincinnati, Ohio; Pittsburgh, Pa. (Feb. 6-Mar. 4, 1914).	183.49	do.	183.49	Do.
Phelps, I. K.	Do.	Rochester, N. Y. (Sept. 7-13, 1913).	41.78	To attend meeting of the American Chemical Society to obtain information of value in connection with the enforcement of the food and drugs act.	41.78	Do.
Do.	Do.	Philadelphia, Pa. (Nov. 11-14, 1913).	25.70	To appear as witness in case arising under the food and drugs act.	25.70	Do.
Do.	Do.	Philadelphia, Pa. (Nov. 17-21, 1913).	32.30	do.	32.30	Do.
Do.	Do.	Philadelphia, Pa. (Nov. 24, 1913).	11.20	do.	11.20	Do.
Do.	Chemist in charge of organic chemistry laboratory.	New York City; New Haven, Conn.; Boston, Mass.; St. Johnsbury, Vt.; Albany, N. Y.; Cleveland, Ohio; Detroit, Mich.; Buffalo, N. Y.; Pittsburgh, Pa. (June 3-30, 1914).	212.90	To visit various United States attorneys with a representative of the Solicitor's Office, concerning the food and drug cases pending, in connection with the enforcement of the food and drugs act.	212.90	Do.
Read, E. A.	Microanalyst.	Chicago, Ill. (Feb. 13-26, 1914).	107.75	To appear as witness in case arising under the food and drugs act.	107.75	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Rharbo, A. A.	Messenger.	Chicago, Ill. (May 5-6, 1914)	To be permanently assigned to Chicago.	\$25.80	Enforcement of the food and drugs act, 1914.
Riley, J. G.	Assistant chemist.	Atlantic City, N. J. (Oct. 1-5, 1913)	To attend the convention of the United States Brewers' Association.	29.10	Do.
Do.	do.	Indianapolis, Ind. (Nov. 13-18, 1913)	To appear as witness in case arising under the food and drugs act.	65.10	Do.
Do.	do.	Atlanta, Ga. (Jan. 3-8, 1914)	To obtain information on fermented beverages for use in connection with the enforcement of the food and drugs act.	65.10	Do.
Do.	do.	Charlottesville, Va. (June 10-13, 1914)	To confer with the official in charge at Stone-henge, Va., regarding work in connection with the enforcement of the food and drugs act.	19.30	Do.
Rogers, J. S.	do.	Hagerstown, Md. (July 1, 1913)	To oversee the manufacture of some special shoes to be used in the experimental work being conducted to determine the durability of sole leather.	4.00	General expenses, Bureau of Chemistry, 1914 (agricultural investigations).
Do.	do.	Hagerstown, Md. (July 15-16, 1913)	do.	11.00	Do.
Do.	do.	Hagerstown, Md. (July 30-31, 1913)	do.	11.00	Do.
Do.	do.	Hagerstown, Md. (Aug. 13-14, 1913)	do.	11.00	Do.
Do.	do.	Hagerstown, Md. (Sept. 25-26, 1913)	do.	11.00	Do.
Do.	do.	Hagerstown, Md. (Oct. 9-10, 1913)	do.	11.00	Do.
Do.	do.	Atlantic City, N. J. (Dec. 4-6, 1913)	To attend a conference of leather and tanning chemists to discuss methods of analysis and of investigating tanning problems and to attend a meeting of the American Leather Chemists.	20.00	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Salant, W.	Chief of pharmacological laboratory.	New York City; Woods Hole, Mass. (Aug. 21-23, 1913).	To consult officials and authorities relative to his pharmacological work in connection with the enforcement of the food and drugs act.	62.45	Enforcement of the food and drugs act, 1914.
Do.	do.	St. Paul, Minn. (Oct. 3-13, 1913)	To appear as witness in case arising under the food and drugs act.	108.70	Do.
Do.	do.	New York City; Philadelphia, Pa. (Dec. 21-31, 1913)	To conduct investigations in connection with the enforcement of the food and drugs act.	38.00	Do.
Do.	do.	New York City; New Haven, Conn. (Mar. 25-30, 1914).	To consult officials and authorities relative to his pharmacological work in connection with the enforcement of the food and drugs act.	38.35	Do.
Do.	Pharmacologist in charge of the pharmacological laboratory.	New York City (June 24-30, 1914)	To investigate pharmacological methods in connection with the enforcement of the food and drugs act.	20.00	Do.

Sale, J. W.	Assistant chemist.	Old Point Comfort, Va. (July 14-16, 1913).	To investigate the sanitary character of the Chesapeake Bay and its tributaries with reference to the pollution of oysters, in connection with the enforcement of the food and drugs act.	Do.	15.50	Do.
Do.	do.	Annapolis, Baltimore, Md. (Jan. 29-Feb. 11, 1914).	do.	Do.	32.60	Do.
Do.	do.	Baltimore, Md. (Mar. 9, 1914).	do.	Do.	14.12	Do.
Do.	do.	Baltimore, Md. (Apr. 1-11, 1914).	do.	Do.	26.62	Do.
Do.	do.	Annapolis, Baltimore, Md. (June 25-27, 1914).	do.	Do.	15.67	Do.
Sherman, H.	Microanalyst.	Baltimore, Md. (Mar. 3, 1914).	To examine dried apples, in connection with the enforcement of the food and drugs act.	Do.	2.05	Do.
Sherwood, S. F.	Assistant chemist.	Greenup, Ashland, Louisville, Ky.; English, Ind.; Eckerty, Birdseye, Ky. (Sept. 30-Oct. 25, 1913).	To study chemical composition and variations in the chemical compositions of sorghum and cane sugar products, in connection with the enforcement of the food and drugs act.	Do.	150.60	Do.
Do.	do.	Philadelphia, Pa. (Nov. 11-14, 1913).	To appear as witness in case arising under the enforcement of the food and drugs act.	Do.	25.50	Do.
Do.	do.	Philadelphia, Pa. (Nov. 17-21, 1913).	do.	Do.	32.50	Do.
Do.	do.	Philadelphia, Pa. (Nov. 24, 1913).	To investigate the methods used by St. Paul Syrup Refining Co. in the manufacture of their maple-sap sirup, in connection with the enforcement of the food and drugs act.	Do.	10.55	Do.
Do.	do.	Chicago, Ill.; St. Paul, Minn. (May 21-31, 1914).	To investigate the sanitary character of the Chesapeake Bay and its tributaries with reference to the pollution of oysters, in connection with the enforcement of the food and drugs act.	Do.	109.35	Do.
Skinner, W. W.	Chief, water laboratory.	Old Point Comfort, Va. (July 14-17, 1913).	To investigate the sanitary character of the Chesapeake Bay and its tributaries with reference to the pollution of oysters, in connection with the enforcement of the food and drugs act.	Do.	18.00	Do.
Do.	do.	Rochester, N. Y. (Sept. 8-13, 1913).	To attend the meeting of the American Chemical Society for obtaining information of value in connection with the enforcement of the food and drugs act.	Do.	43.13	Do.
Do.	do.	New York City, Yonkers, Jamaica, Long Island, Brooklyn, N. Y. (Oct. 16-18, 1913).	To investigate a distilling apparatus for use of the Bureau of Chemistry.	Do.	23.65	Do.
Do.	do.	Parkersburg, Mason City, W. Va.; Pomeroy, Middleport, Athens, Ohio (Feb. 24-26, 1914).	To investigate the removal of barium and other impurities from salt, in connection with the enforcement of the food and drugs act.	Do.	36.78	Do.
Do.	do.	Parkersburg, W. Va.; Pomeroy, Athens, Ohio (Apr. 27-May 4, 1914).	do.	Do.	54.96	Do.
Smith, C. S.	Assistant pharmacologist.	Philadelphia, Pa. (Nov. 7-12, 1913).	To consult with officials of the University of Pennsylvania, relative to hemolytic tests, in connection with the enforcement of the food and drugs act.	Do.	35.58	Do.
Smith, H. R.	Assistant chemist.	New York City, Manakating, N. Y. (June 4-19, 1914).	To distill samples of birch and wintergreen oils to obtain authentic samples for use in connection with the enforcement of the food and drugs act.	Do.	78.42	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Stephenson, C. H.	Scientific assistant.	Philadelphia, Pa. (Oct 15-16, 1913).	To appear as witness in case arising under the food and drugs act.	\$12.70	Enforcement of the food and drugs act, 1914.
Do.	do.	Baltimore, Md. (Feb. 4-5, 1914).	To attend the convention of the National Cannery Association.	7.85	Do.
Do.	do.	Chicago, Ill.; Hammond, Ind. (Feb. 13-Mar. 2, 1914).	To appear as witness in case arising under the enforcement of the food and drugs act.	108.33	Do.
Straughn, M. N.	do.	Baltimore, Md. (July 9-27, 1913).	To investigate the manufacture of jams, sirups, jellies, etc., in connection with the enforcement of the food and drugs act.	82.85	Do.
Do.	do.	Philadelphia, Pa. (Nov. 11-14, 1913).	To appear as witness in case arising under the food and drugs act.	25.60	Do.
Do.	do.	Philadelphia, Pa. (Nov. 16-21, 1913).	do.	32.60	Do.
Do.	do.	Philadelphia, Pa. (Nov. 23-24, 1913).	do.	11.45	Do.
Do.	do.	Baltimore, Md. (Sept. 19-20, 1913).	To investigate the manufacture of fruit sirups, jams, jellies, etc., in connection with the enforcement of the food and drugs act.	11.60	Do.
Do.	do.	Baltimore, Md. (Dec. 4-5, 1913).	do.	12.05	Do.
Do.	do.	Baltimore, Md. (Jan. 5-7, 1914).	do.	17.35	Do.
Do.	do.	Baltimore, Md. (Feb. 18-20, 1914).	do.	17.10	Do.
Do.	do.	New York City, Canajoharie, Rochester, Genesee, N. Y. (Feb. 21-Mar. 5, 1914).	To study the manufacture of marmalade, jellies, jams, and other fruit products, in connection with the enforcement of the food and drugs act.	77.89	Do.
Do.	do.	Tallahassee, Tampa, Gainesville, Jacksonville, Fla.; Columbus, Atlanta, Ga. (Mar. 8-18, 1914).	To make investigations in the manufacture of jellies, jams, etc., in connection with the enforcement of the food and drugs act.	116.05	Do.
Do.	do.	Front Royal, Va. (Apr. 7-8, 1914).	do.	9.40	Do.
Do.	do.	Baltimore, Md. (Apr. 3-4, 13-18, 21-23, 1914).	do.	54.15	Do.
Do.	do.	Baltimore, Md. (May 15-29, 1914).	do.	23.95	Do.
Do.	do.	New York City, Canajoharie, N. Y.; Philadelphia, Pa. (June 9-18, 1914).	To make investigations in the manufacture of jellies, jams, marmalades, etc., in connection with the enforcement of the food and drugs act.	64.49	Do.
Traufhardt, E. L. P.	Assistant chemist.	Baltimore, Aberdeen, Perryman, Md. (Sept. 12-29, 1913).	To study the canning of foods, in connection with the enforcement of the food and drugs act.	73.50	Do.
Do.	do.	Baltimore, Md. (Oct. 1, 1913).	do.	3.45	Do.
Do.	do.	Baltimore, Md. (Oct. 4, 1913).	do.	2.25	Do.
Do.	do.	Baltimore, Md. (Oct. 6, 1913).	do.	2.70	Do.
Do.	do.	Baltimore, Md. (Oct. 25, 1913).	do.	2.05	Do.

Do.....	Baltimore, Md. (Feb. 3-6, 1914).....	To study the canning of foods, and to attend the meeting of the National Canners' Association, in connection with the enforcement of the food and drugs act.	17.65	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Tolman, L. M.....	Perryman, Aberdeen, Md. (Sept. 19, 1913).	To perform inspection work and to conduct studies relative to preparation and preservation of foods in connection with the enforcement of the food and drugs act.	4.53	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Baltimore, Md. (Oct. 1, 1913).....	do.....	3.40	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Baltimore, Md. (Feb. 4-5, 1914).....	To attend a meeting of the National Canners' Association.	6.80	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Cincinnati, Ohio; St. Louis, Mo.; Chicago, Ill. (Feb. 18-26, 1914).	To supervise and direct the food and drug inspection work of the central district.	114.25	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Chicago, Ill. (Apr. 1-30, 1914).....	do.....	65.15	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Chicago, Ill. (May 1-13, 1914).....	To bring delicate scientific apparatus to Washington, D. C., to be used in connection with the enforcement of the food and drugs act.	152.95	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Tucker, J. E.....	Baltimore, Md. (July 21, 1913).....	To supervise the manufacture of certain durable book papers for the use of this and other departments.	2.50	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Veitch, F. P.....	Greenfield, Boston, Mass.; New York City (Aug. 7-9, 1913).	To make inspections of sandals in connection with the investigations relative to the durability of sole leather.	19.93	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Hagerstown, Md. (Aug. 27-28, 1913).....	To deliver a speech at farmers' meeting upon the agricultural use of lime.	8.00	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Covington, Va. (Aug. 22-24, 1913).....	To attend a meeting of the American Leather Chemists Association.	16.95	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Atlantic City, N. J. (Dec. 4-6, 1913).....	To investigate the misgrading and adulteration of naval stores.	20.00	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Savannah, Ga. (Jan. 14-18, 1914).....	To participate in the preparation of specifications for lime.	56.30	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Philadelphia, Pa. (Mar. 26, 1914).....	To attend the forest products exposition in the study of the utilization of waste wood and its by-products.	8.00	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	New York, N. Y. (May 28-29, 1914).....	To assist in the drug work in Chicago laboratory.	16.50	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Viehoever, A.....	Chicago, Ill.; Madison, Wis.; Cincinnati, Ohio (Feb. 7-Mar. 1, 1914).	To assist in the drug work in Chicago laboratory.	119.23	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Do.....	Philadelphia, Pa.; New York, N. Y. (Mar. 20-30, 1914).	To assist in the drug work in Philadelphia and New York laboratories.	58.40	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).
Walker, P. H.....	Rochester, N. Y.; Chicago, Ill.; Omaha, Nebr. (Sept. 7-19, 1913).	To attend a meeting of the American Chemical Society and study methods of manufacture and properties of meatfoot oil and other technical oils of terrestrial animal origin.	128.06	Do.	General expenses, Bureau of Chemistry, 1914 (miscellaneous investigations).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Walker, P. H.	Chief of contracts laboratory.	New York, N. Y. (Nov. 30-Dec. 1, 1913)....	To attend a meeting of a committee of the American Society for Testing Materials, to discuss important questions regarding specifications.	\$19.10	General expenses, Bureau of Chemistry, 1914 (miscellaneous in investigations). Do.
Do.	do.	Perryville, Havre de Grace, Md.; Atlantic City, N. J. (May 1-2, 1914).	To take part in an inspection of certain paint tests conducted by the American Society for Testing Materials.	16.23	Do.
Walters, H. H.	Clerk.	Chicago, Ill. (Apr. 16-17, 1914).....	To be permanently assigned to Chicago.	26.45	Enforcement of the food and drugs act, 1914.
Weber, F. C.	Chief of animal physiological laboratory.	Eastport, Machias, Columbia Falls, Jonesport, Milbridge, Shackford Head, Bangor, Belfast, Camden, Rockland, Wiscasset, Boothbay Harbor, Stonington, Brooklin, Ellsworth, Portland, Me.; Boston, Mass.; New York, N. Y. (July 1-Dec. 22, 1913).	To conduct an investigation of the handling, preparation, and packing of sardines, in connection with the enforcement of the food and drugs act.	580.80	Do.
Do.	do.	Baltimore, Md. (Feb. 3-5, 1914).....	To attend the convention of the National Canners' Association.	11.30	Do.
Do.	do.	New York, N. Y.; Boston, Mass.; Portland, Eastport, Me. (June 2-30, 1914).	To conduct an investigation of the handling, preparation, and packing of sardines, in connection with the enforcement of the food and drugs act.	104.05	Do.
Wessling, H. L.	Assistant chemist.	New York, N. Y. (June 3-4, 1914).....	To appear as witness in case arising under the food and drugs act.	16.70	Do.
Wharton, G. W.	Chief of Office of Information.	New York, N. Y. (July 2-6, 1913).....	To secure information in connection with the enforcement of the food and drugs act.	30.00	Do.
Do.	do.	New York, New Rochelle, N. Y.; Fort Lee, N. J. (May 23-June 4, 1914).	To inspect the various motion picture manufacturing companies located in these cities, in order to secure data for the most effective and economical process in making titles and legends for motion picture reels; also to inspect the latest models and appliances in cameras and projectors, with view of future purchase.	31.30	General expenses, Division of Publications (miscellaneous expenses).
Wilcox, B. B.	Assistant chemist.	Baltimore, Md. (Sept. 10, 1913).....	To make inspections of imported food and drug products at appraisers' stores in connection with the enforcement of the food and drugs act.	2.20	Enforcement of the food and drugs act, 1914.
Do.	do.	Baltimore, Md. (Oct. 10, 1913).....	do.	2.20	Do.

Do.	do.	Baltimore, Md. (Nov. 3, 1913).	do.	2.45	Do.
Do.	do.	Baltimore, Md. (Nov. 24, 1913).	do.	1.85	Do.
Do.	do.	Baltimore, Md. (Dec. 16, 1913).	do.	2.30	Do.
Do.	do.	Baltimore, Md. (Jan. 12, 1914).	do.	1.85	Do.
Wilcox, E. L.	Laboratory helper	Bristol, Elizabethton, Buladeen, Johnson City, Tenn. (Nov. 13-25, 1913).	To collect authentic samples of birch oil, to purchase samples of birch oil in connection with the enforcement of the food and drugs act.	82.15	Do.
Winton, A. L.	Chemist in charge of food investigation laboratory	Chicago, Ill.; Terre Haute, Ind. (Apr. 1-2, 1914).	To conduct investigations regarding corn meal in connection with the enforcement of the food and drugs act.	16.90	Do.
Wolf, M. G.	Assistant chemist	New York, N. Y. (Feb. 21-Mar. 23, 1914).	To assist in the work of the New York laboratory during the heavy importing season in connection with the enforcement of the food and drugs act.	81.60	Do.
Yost, P. B.	do.	New Orleans, La. (Jan. 3-5, 1914).	To be permanently assigned at the New Orleans laboratory.	42.95	Do.
BUREAU OF SOILS.					
Bonsteel, J. A.	Scientist	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	\$164.94	International Dry Land Congress at Tulsa, Okla., 1913-14.
Cameron, Frank K.	Scientist in soil laboratory investigations.	Rochester, N. Y., and return (Sept. 9-13, 1913).	To attend a meeting of the American Chemical Society for the purpose of furnishing information to and discussing with those present the work of the department connected with the chemistry of soils and fertilizers and for the purpose of securing information with reference to the analyses of certain types of fertilizers, particularly mixed fertilizers containing cyanamid, and the work of the division of fertilizers, particularly as regards proposed legislation affecting fertilizer control work.	44.43	General expenses, Bureau of Soils, 1914 (investigations of fertilizer resources).
Do.	do.	Old Point Comfort, Va., and return (Oct. 4-9, 1913).	To represent the Secretary of Agriculture at a meeting of the National Fertilizer Association and discuss with those present economic methods of utilizing the fertilizer resources of the United States.	12.85	Do.
Do.	do.	Cincinnati, Ohio, and return (Apr. 5-11, 1914).	To attend a meeting of the American Chemical Society and to present to and discuss with the fertilizer chemists present the results of certain investigations carried on by this bureau with reference to the utilization of the Pacific helps as a source of potash, and on the separation of phosphoric acid from lime in the manufacture of fertilizer by experts upon these and other subjects pertinent to investigations now being carried on by this bureau.	60.50	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF SOILS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cameron, Frank K.....	Scientist in soil laboratory investigations.	Various points in the States of North Carolina, South Carolina, and Georgia, and return (May 7-13, 1914).	To investigate trial plants and commercial efforts to produce nitrogen products by the fixation of atmospheric nitrogen and the production of phosphoric acid by hydroelectric methods, and, in particular, the Paulding process, installed at Nitrolee, and the Wilson-Haff process, installed near Charlotte, N. C.	\$65.10	General expenses, Bureau of Soils, 1914 (investigations of fertilizer resources).
Cummings, R. F.....	Clerk.....	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).....	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	164.94	International Dry Land Congress at Tulsa, Okla., 1913-14.
Robinson, W. O.....	Scientist in soil laboratory investigations.	Baltimore, Md., and return (May 25, 1914)...	To consult with experts of the Johns Hopkins University on the spectroscopic examination and analysis of soils and similar materials.	1.90	General expenses, Bureau of Soils, 1914 (physical investigations).
Schreiner, Oswald.....	Scientist in charge of soil-fertility investigations.	Richmond, Va., and vicinity, and return (Jan. 15-16, 1914).	To make field examinations of various soils with a view of ascertaining the extent and occurrence of a toxic soil condition and to collect various samples of soils for laboratory investigations.	12.60	General expenses, Bureau of Soils, 1914 (soil-fertility investigations).
Skinner, J. J.....	Scientist in soil laboratory investigations.	State College, Pa., and return (Apr. 2-5, 1914).	To supervise the fertilizing of the grass plot experiments conducted at that place by this bureau in cooperation with the Pennsylvania State Experiment Station and to consult with the members of the Agricultural College staff and others regarding soil-fertility investigations.	24.24	Do.
Do.....	do.....	State College, Pa., and return (May 25-28, 1914).	To supervise and inspect cooperative experiments on the action of fertilizers on soil constituents and to confer with members of the station staff in regard to soil-fertility problems connected therewith.	25.87	Do.
Sullivan, M. X.....	do.....	Rochester, N. Y., and return (Sept. 7-13, 1913).	To attend a meeting of the American Chemical Society for the purpose of furnishing information to and discussing with those present the work of the department connected with soil-fertility investigations and securing information regarding the formation of soil organic compounds by soil microorganisms, especially molds.	39.78	Do.

Do.....	.....do.....	Cincinnati, Ohio, and return (Apr. 5-11, 1914).	To attend a meeting of the American Chemical Society, furnish information to and discuss with the experts present the work of the department connected with soil-fertility investigations, and secure information regarding biochemical factors connected with soil investigations.	57. 10	Do.
Turrentine, J. W.....	.....do.....	Various points in the States of Louisiana, California, Kansas, Missouri, Illinois, Wisconsin, Minnesota, Michigan, Ohio, New York, Connecticut, Rhode Island, Massachusetts, New Jersey, Pennsylvania and return (Mar. 22-June 30, 1914).	To investigate the utilization of city wastes, especially garbage tankage for fertilizers; methods of collecting and rendering; present disposition and cost.	795. 32	General expenses, Bureau of Soils, 1914 (investigations of fertilizer resources).
Wagman, W. H.....	Scientist in investigations of fertilizer resources.	Various points in the State of Virginia and return (July 21-Aug. 5, 1913).	To examine certain reported deposits of phosphates.	70. 59	Do.
Do.....	.....do.....	Various points in the States of Virginia, South Carolina, Georgia, and Florida, and return (Apr. 2-23, 1914).	To investigate the phosphate resources of the States named, the methods employed in mining and preparing rock for the market, and the possibilities of utilizing the present wastages incident to the phosphate industry.	157. 97	Do.

BUREAU OF ENTOMOLOGY.

Barber, H. S.....	Assistant.....	Baltimore, Md. (Aug. 7, 1913).....	To supervise the handling of a collection of mounted insects donated to the Government.	\$1. 60	General expenses, Bureau of Entomology, 1914 (miscellaneous insects).
Do.....	.....do.....	Various points in the State of Arizona and in southern California (Nov. 21, 1913-Jan. 16, 1914).	To investigate the reported occurrence of the Arizona boll weevil.	454. 00	General expenses, Bureau of Entomology, 1914 (southern field crop insects).
Caudell, A. N.....	.....do.....	Catskill Mountain region of New York State (May 11-14, 1914).	To investigate spring mosquitoes.....	21. 95	General expenses, Bureau of Entomology, 1914 (miscellaneous insects).
Dyar, H. G.....	Expert.....	Various points on Long Island, N. Y. (Aug. 5-15, 1913).	To study mosquito conditions on Long Island, with regard to remedial and preventive work.	16. 45	Do.
Hopkins, A. D.....	Entomological assistant.	Parkersburg, W. Va. (May 5-23, 1914).....	To collect and study insects affecting the chestnut.	30. 37	General expenses, Bureau of Entomology, 1914 (forest insects).
Do.....	.....do.....	Harrisburg, Pa. (Aug. 1-3, 1913).....	To consult with entomologists and to study hickory insects.	26. 85	Do.
Do.....	.....do.....	Kanawha, W. Va. (Oct. 23-24, 1913).....	To collect and study insects affecting the chestnut.	21. 15	Do.
Do.....	.....do.....	Norfolk, Va. (Apr. 15-May 4, 1914).....	To collect insects injurious to the chestnut and pine.	30. 64	Do.
Howard, L. C.....	Chief of bureau.....	Boston and other points in Massachusetts; New York, N. Y. (July 10-17, 1913).	To confer with employees of the bureau concerning the gipsy and brown-tail moth investigations and examine exhibits of department of sanitation, American Museum of Natural History, New York.	50. 95	Preventing spread of moths Bureau of Entomology, 1914.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Howard, L. C.	Chief of bureau.	Atlantic City, N. J.; New York, N. Y. (Feb. 19-22, 1914).	To attend antimosquito conference at Atlantic City; thence to New York City, to confer regarding cooperative work on pellagra.	\$27.73	General expenses, Bureau of Entomology, 1914 (miscellaneous insects).
Do.	do.	Charlottesville, Va. (Apr. 23-24, 1914)	To attend meetings of the Virginia Public Health Association.	10.80	Do.
Do.	do.	New York, N. Y. (May 10-11, 1914)	To consult with Thompson McFadden Pella-gra Commission.	25.35	Do.
Do.	do.	Westchester Co., N. Y., and Catskill Mountain region (May 11-14, 1914).	To investigate recently discovered colony of gipsy moth in Westchester County and to investigate spring mosquitoes.	36.60	Do.
Do.	do.	Boston and other points in Massachusetts; New York, N. Y. (May 28-June 2, 1914).	To confer with employees of the bureau concerning the gipsy and brown-tail moth investigations and examine exhibits of department of sanitation, American Museum of Natural History, New York.	51.65	Preventive spread of moths, Bureau of Entomology, 1914.
Do.	do.	Salt Lake City, Utah (June 15-21, 1914)	To inspect field station and confer with employees of the bureau and entomologist of experiment stations on the general subject of investigations of injurious insects.	105.52	General expenses, Bureau of Entomology, 1914 (cereal and forage insects).
Do.	do.	Continuation of trip from Salt Lake City to points in Texas and Louisiana and return to Washington, D. C. (June 21-30, 1914).	To inspect the field stations and confer with employees of the bureau on the general subject of entomological investigations.	147.30	General expenses, Bureau of Entomology, 1914 (tropical and subtropical fruit insects).
Hunter, W. D.	Entomological assistant.	Bozeman and Missoula, Mont. (July 3-26, 1913).	To inspect field station and confer with employees of the bureau on the subject of the Rocky Mountain spotted fever tick.	278.85	General expenses, Bureau of Entomology, 1914 (southern field crop insects).
Do.	do.	Tallulah, La. (Oct. 1-5, 1913).	To inspect field station and confer with employees of the bureau on the subject of investigations of southern field crop insects.	233.19	Do.
Do.	do.	New York, N. Y. (Oct. 30-31, 1913)	To appear as witness in connection with the enforcement of the insecticide act of 1910.	19.35	Enforcement of the insecticide act, 1914.
Do.	do.	Atlanta, Ga. (Dec. 29, 1913-Jan. 3, 1914)	To attend meetings of the Association of Horticultural Inspectors in an endeavor to secure the fullest cooperation of these inspectors in the enforcement of the plant quarantine act.	63.45	Enforcement of the plant quarantine act, 1914.
Do.	do.	Bozeman, Missoula, and Florence, Mont. (Mar. 22-Apr. 4, 1914).	To inspect field stations and confer with employees of the bureau on the subject of investigation of the Rocky Mountain spotted fever tick.	235.25	General expenses, Bureau of Entomology, 1914 (southern field crop insects).

McIndoo, N. E.....	do.....	Winchester, Va. (Apr. 28-May 11, 1914).....	To conduct experiments on the relation of bees to fruit trees, sprayed, when in the period of full bloom.	\$43.27	General expenses, Bureau of Entomology, 1914 (bee culture).
Do.....	do.....	Winthrop, Me. (May 25-June 22, 1914).....	do.....	83.34	Do.
Marlatt, C. L.....	Entomologist.....	Atlanta, Ga. (Dec. 30, 1913-Jan. 3, 1914).....	To attend meetings of the Association of Horticultural Inspectors in an endeavor to secure the fullest cooperation of these inspectors in the enforcement of the plant quarantine act.	61.80	Enforcement of the plant quarantine act, 1914.
Do.....	do.....	Orlando, Fla. (Mar. 25-Apr. 5, 1914).....	To inspect the field station and confer with employees of the bureau on the subject of citrus fruit insect investigations.	206.47	General expenses, Bureau of Entomology, 1914 (tropical and subtropical fruit insects).
Phillips, E. F.....	Agricultural assistant.....	Philadelphia, Pa. (Aug. 8, 1913).....	To investigate conditions regarding temporary establishment of bee-culture laboratory.	7.30	General expenses, Bureau of Entomology, 1914 (bee culture).
Do.....	do.....	Philadelphia, Pa. (Sept. 1, 1913-May 24, 1914).....	Travel performed to and from bee-culture laboratory for conference with chief of bureau, on the subject of bee-culture investigations, installation of constant temperature apparatus and experimental work.	523.68	Do.
Pierce, W. D.....	Agent and expert.....	Various points in Louisiana, Mississippi, Texas, Arizona, and California (Aug. 1-Sept. 3, 1913).....	To inspect field stations and confer with employees of the bureau on the subject of investigations of southern field crop insects.	381.13	General expenses, Bureau of Entomology, 1914 (southern field crop insects).
Do.....	do.....	Various points in South Carolina, Georgia, Alabama, Tennessee, Mississippi, Arkansas, Oklahoma, and Texas (Sept. 19-29, 1913).....	do.....	190.65	Do.
Popenoe, C. H.....	Entomological assistant.....	Various points in Indiana, Kansas, Colorado, Utah, Idaho, Nevada, California, Arizona, Texas, and Louisiana (Sept. 6-Nov. 11, 1913).....	To inspect field stations and confer with employees of the bureau on the subject of truck crop and stored product insect investigations.	421.53	General expenses, Bureau of Entomology, 1914 (truck crop and stored product insects).
Do.....	do.....	New York, N. Y.; Rahway, N. J. (Feb. 4-8, 1914).....	To investigate insect damage to stored products in warehouses and mills.	19.80	Do.
Do.....	do.....	Baltimore, Md. (Apr. 3, 1914).....	To inspect the construction of spraying machinery to be used against truck crop insects.	1.50	Do.
Do.....	do.....	Baltimore, Md. (Apr. 21, 1914).....	do.....	1.60	Do.
Do.....	do.....	New York, N. Y. (May 7-13, 1914).....	To investigate the occurrence of the Argentine weevil in products from South America.	34.57	Do.
Do.....	do.....	Baltimore, Md. (June 29, 1914).....	To inspect the construction of spraying machinery to be used against truck crop insects.	1.55	Do.
Quaintance, A. L.....	do.....	Various points within Illinois, Pennsylvania, New York, Massachusetts, and Maine (July 16-31, 1913).....	To inspect field stations and confer with employees of the bureau on the general subject of investigations of deciduous fruit insects.	167.65	General expenses, Bureau of Entomology, 1914 (deciduous fruit insects).
Do.....	do.....	Various points within New Mexico and Texas (Oct. 4-Nov. 30, 1913).....	To make a preliminary survey of pecan territory for the purpose of locating field stations.	150.35	Do.
Walton, W. R.....	do.....	Raton, N. Mex. (July 15-Aug. 14, 1913).....	To study parasitic diptera in connection with investigation of the New Mexico range caterpillar.	130.55	General expenses, Bureau of Entomology, 1914 (range caterpillars).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Webb, J. L.....	Entomological assistant.	Fall River and other points in Massachusetts (Apr. 8-12, 1914).	To inspect cotton mills for the purpose of determining the quantity of cotton seed brought in with baled Egyptian cotton as a basis for such quarantine action as may be necessary, under the plant quarantine act, to prevent the introduction into the United States with such seed of the pink boll worm of cotton.	\$39.90	Enforcement of the plant quarantine act, 1914.
Webster, F. M.....	.....do.....	Boston, Mass., and points in New Hampshire; Buffalo, N. Y.; Cleveland, Ohio (Aug. 21-Sept. 2, 1913).	To study methods in force in gipsy moth laboratory for possible application to investigations of cereal and forage insects, investigate the grasshopper problem in New Hampshire, to inspect field stations and confer with employees of the bureau on the subject of investigations of cereal and forage insects.	101.14	General expenses, Bureau of Entomology, 1914 (cereal and forage insects).
Do.....	.....do.....	Various points in Ohio, Indiana, Illinois, Wisconsin, Iowa, Nebraska, Wyoming, California, New Mexico, Mississippi, Missouri, and Tennessee (Sept. 16-Oct. 18, 1913).	To inspect field stations and confer with employees of the bureau on the subject of investigations of cereal and forage insects.	243.74	Do.
Do.....	.....do.....	Columbia and Charleston, S. C. (Feb. 27-Mar. 2, 1914).	.....do.....	29.10	Do.
Do.....	.....do.....	Hagerstown, Md. (June 17-30, 1914).	.....do.....	14.42	Do.
White, W. B.....	Expert.....	Ithaca, N. Y. (Nov. 1, 1913, and May 1, 1914).	To continue study of bee diseases in laboratory of Cornell University.	25.00	General expenses, Bureau of Entomology, 1914 (bee culture).
Wood, W. B.....	Entomological assistant.	Dover, Del. (July 9-10, 1913)	To inspect orchards to determine the effectiveness of cooperative spraying experiments of the previous year against the plum curculio and codling moth.	21.82	General expenses, Bureau of Entomology, 1914 (deciduous fruit insects).
Do.....	.....do.....	Hagerstown, Md. (Nov. 13-14, 1913)	To inspect nursery stock to determine the effectiveness of spraying experiments of the previous year against the plum curculio and codling moth.	12.92	Do.
Do.....	.....do.....	Vienna, Va. (Oct. 20, 1913)	To inspect orchards and treat orchard stock for the peach-tree borer.	2.70	Do.
Do.....	.....do.....	Various points in the State of California (Jan. 22-Mar. 29, 1914)	To inspect pear orchards and assist in spraying experiments against the pear thrips.	338.51	Do.
Do.....	.....do.....	Hancock, Md. (June 15-16, 1914)	To conduct experimental treatment of orchard trees against the peach-tree borer.	15.94	Do.

BUREAU OF BIOLOGICAL SURVEY.

Adams, E. R.	Preparator	Various points in Arizona (Feb. 16-Mar. 4, 1914).	To study the migratory waterfowl and other birds and mammals of that region.	\$165.15	General expenses, Bureau of Biological Survey, 1914 (biological investigations). Do.
Balley, Vernon	Chief field naturalist.	Various points in Minnesota, North Dakota, Montana, Wyoming, and South Dakota (July 3-Sept. 12, 1913); trip begun in previous fiscal year.	To study the distribution of animals and plants and to have supervisory charge of field parties engaged in similar work.	399.14	Do.
Do.	do.	Various points in Arizona (Oct. 15-Nov. 18, 1913).	To cooperate with the Bureau of Plant Industry in studying the distribution of <i>Thurberia</i> and the Arizona cotton boll weevil in their relation to life and crop zones.	336.85	Do.
Do.	do.	Various points in Oregon (May 30-June 30, 1914).	To supervise and conduct field and other investigations on the habits and distribution of native birds and mammals in their relation to agriculture.	323.89	Do.
Brewster, C. E.	Assistant, game preservation.	Various points in Michigan (July 1-25, 1913).	To gather evidence and investigate cases involving the interstate shipment of game in violation of sections 242, 243, and 244 of the Criminal Code in the eastern and western districts of Michigan.	169.68	General expenses, Bureau of Biological Survey, 1914 (game preservation). Do.
Do.	do.	Various points in Virginia, and to New York City (Aug. 8-30, 1913).	To investigate cases involving the interstate shipment of game in violation of sections 242, 243, and 244 of the Criminal Code.	139.09	Do.
Do.	do.	Various points in North Carolina, Tennessee, Virginia, Kentucky, and to Boston, Mass. (Aug. 31-Sept. 30, 1913).	To investigate matters involving violations of sections 242, 243, and 244 of the United States Criminal Code, consult United States attorneys, attend terms of the Federal court, and assist the State Game Commission of Kentucky in the selection of a game refuge for game birds and animals, at Pineville.	209.59	Do.
Do.	do.	Various points in Virginia, Maryland, Pennsylvania, Michigan, Missouri, Oklahoma, and North Carolina (Oct. 2-31, 1913).	To investigate cases involving violations of sections 242, 243, and 244 of the Criminal Code, interview State game officials, and attend trials of cases in courts.	316.62	Do.
Do.	do.	Various points in Virginia, New York, Kentucky, and Pennsylvania (Nov. 1-30, 1913).	To investigate cases involving interstate shipments of game in violation of sections 242, 243, and 244 of the Criminal Code, and to confer with the New York Conservation Commission relative to matters of game protection.	160.71	Do.
Do.	do.	Greensboro, N. C.; Catlettsburg, Ky.; Harrisonburg and other points in Virginia; and points in Maryland (Dec. 1-15, 1913).	To attend terms of United States court as witness in cases involving violations of sections 242 and 243 of the Penal Code, and inspect commission houses in Baltimore involved in violation of sections 242, 243, and 244 of the Criminal Code.	99.15	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Brewster, C. E.....	Assistant, game preservation.	Various points in Maryland, Virginia, New Jersey, and Pennsylvania; also points in Michigan, Illinois, and Kentucky (Jan. 4-Feb. 28, 1914).	To complete investigations of illegal shipments of game in the localities mentioned; attend meeting and address the Game Protective Association of Norristown, Pa.; address members of Chamber of Commerce of Norfolk, Va., on the subject of game protection; gather evidence and secure data under sections 242 and 243 of the Criminal Code; attend courts as witness in cases involving interstate shipment of game in Virginia and Michigan; assist New Jersey Game Commission in the trial of important case; and to discuss game preservation before Kentucky Legislature.	\$403.57	General expenses, Bureau of Biological Survey, 1914 (game preservation).
Do.....	.....do.....	Greeneville, Tenn.; Frankfort, Ky.; Norfolk, Va.; Wilmington, N. C.; Philadelphia, Chester, Pa.; and Baltimore, Md. (Mar. 1-26, 1914).	To answer subpoena involving violations of sections 242 and 243 of the Criminal Code at Greeneville, Tenn.; assist State game and fish commission, Frankfort, Ky., in preparing bill relating to game preservation; investigate reported violations of the Lacey Act in Norfolk, Va.; attend commissioners' court, Wilmington, N. C., at the request of the United States attorney for that district; and investigate cases involving the illegal interstate shipment of game at Philadelphia and Chester, Pa., and Baltimore, Md.	80.18	Do.
Do.....	.....do.....	Baltimore, Md.; Norfolk, Va.; Pineville and Amarand, Ky.; Bluefield, W. Va.; Philadelphia, Pa.; and points in New Jersey (Apr. 16-May 21, 1914).	To complete investigations of cases involving violations of sections 242 and 243 of the Penal Code, confer with officials connected with the Kentucky game commission, meet the State warden and secretary of the Pennsylvania Game Commission for the purpose of inspecting books of commission houses to ascertain names of shippers of game in violation of interstate commerce, and to make inspection of a State game farm in New Jersey.	101.64	Do.
Do.....	.....do.....	Harrisonburg, Va.; Philadelphia, Chester, Media, and other points in Pennsylvania; Wilmington, Del.; Norfolk and Roanoke, Va. (June 1-14, 1914).	To investigate reported violations of sections 242, 243, and 244 of the Criminal Code, testify in county court, and confer with United States attorney at Wilmington, Del.	58.65	Do.

Cooke, W. W.	Assistant biologist.	Havre de Grace, Md. (Nov. 1-2, 1913).	To secure information relative to waterfowl and methods of hunting.	4.56	Do.	General expenses, Bureau of Biological Survey, 1914 (extinguishing ground squirrels).
Do.	do.	Dover, Del. (Feb. 12-13, 1914).	To address farmers' institute on protection of migratory birds.	7.86	Do.	General expenses, Bureau of Biological Survey, 1914 (extinguishing ground squirrels).
Do.	do.	Middleburg, Va. (Mar. 12, 1914).	To address institute on protection of birds.	3.30	Do.	General expenses, Bureau of Biological Survey, 1914 (extinguishing ground squirrels).
Dearborn, Ned.	do.	Various points in California (July 1-Sept. 30, 1913).	To assist in the work of controlling ground squirrels in the national forests of California.	328.33	Do.	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Do.	do.	Wallace, Idaho (Oct. 2-8, 1913; stop-over en route from California).	To confer with the agent in charge of experiments being conducted by this bureau in the raising of fur-bearing animals, at Wallace, Idaho.	119.88	Do.	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Do.	do.	New York, N. Y. (Mar. 10-13, 1914).	To attend sportsmen's show to consider the subject of the breeding of fur-bearing animals, and to examine exhibits and equipment relating to the subject.	21.80	Do.	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Do.	do.	Various points in Nova Scotia, New Brunswick, Prince Edward Island, and adjoining territory in Canada and New England (Apr. 22-May 31, 1914).	To secure first-hand information on the farming of foxes, mink, and other fur-bearing animals.	166.67	Do.	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Fisher, A. K.	Assistant in charge of economic investigations.	Various points in Colorado, Arizona, and California (July 7-24, 1913).	To study the depredations and devise methods for the control of prairie dogs, pocket gophers, and other animals of economic importance.	151.95	Do.	General expenses, Bureau of Biological Survey, 1914 (extinguishing ground squirrels).
Do.	do.	Various points in California (July 25-Aug. 21, 1913).	To inspect work being carried on in connection with the controlling of ground squirrels in the national forests of California.	279.76	Do.	General expenses, Bureau of Biological Survey, 1914 (extinguishing ground squirrels).
Do.	do.	Winchester, Va. (May 28, 1914).	To demonstrate methods for controlling field mice in orchards.	5.60	Do.	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Do.	do.	New Orleans, La.; Aberdeen and Muldon, Miss.; Birmingham, Ala.; Lexington and Frankfort, Ky. (June 13-21, 1914).	To confer with parties interested in the work of supplying the waters of the lower Mississippi with food plants for ducks, inspect project of extermination of crawfish in cotton fields of northern Mississippi, and confer with game commission in Lexington and Frankfort, Ky. relative to introduction of food plants for ducks in waters of Kentucky.	119.54	Do.	General expenses, Bureau of Biological Survey, 1914 (biological investigations).
Goldman, E. A.	Field naturalist.	Various points in Arizona (July 1-Dec. 21, 1913); trip begun in previous fiscal year.	To investigate the distribution and habits of birds and mammals on national forests and other public lands and the migration of birds.	699.95	Do.	General expenses, Bureau of Biological Survey, 1914 (general administration).
Henshaw, H. W.	Chief of bureau.	Various points in Rocky Mountains and Pacific States, as follows: Wind Cave National Park, S. Dak.; National Bison Range, Mont.; San Francisco and Seldad, Cal.; and Portland, Ore. (July 26-Aug. 30, 1913).	To inspect National Bison Range and Wind Cave Park Reservation and the work of various field parties conducting investigations for the bureau.	373.50	Do.	General expenses, Bureau of Biological Survey, 1914 (general administration).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Holt, E. G.	Assistant.	Various points in Arizona (Apr. 10-June 30, 1914).	To continue the biological survey of the State and investigate the habits and distribution of birds and mammals in their relation to agriculture.	\$267.82	General expenses, Bureau of Biological Survey, 1914 (biological investigations).
Howell, A. H.	Assistant biologist.	Various points in Alabama, Missouri, and Illinois (July 7-24, 1913).	To gather data on the economic status and geographic distribution of the mammals and birds of the regions visited.	141.01	Do.
Do.	do.	Various points in Alabama (Mar. 26-May 31, 1914).	To investigate the economic status and geographic distribution of the birds and mammals of the regions visited.	349.53	Do.
Lantz, D. E.	do.	Jefferson, Colo.; Belleville and Manhattan, Kans. (July 1-27, 1913); work begun in previous fiscal year.	To continue investigations to devise practical means of controlling the depredations of prairie dogs and other injurious mammals.	93.55	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals)
Do.	do.	Various points in Maryland and Virginia (Sept. 8-Oct. 30, 1913).	To carry on investigations relating to the depredations of mammals to agriculture, horticulture, and forestry.	16.12	Do.
Do.	do.	Various points in Maryland and Virginia (Feb. 12-Mar. 19, 1914).	do.	15.15	Do.
Do.	do.	Various points in Kansas and Colorado (Mar. 23-June 30, 1914).	To devise practical means of controlling the depredations of prairie dogs and other injurious mammals and to study methods for suppressing the destruction of seed by mammals and birds in the course of reforestation.	267.00	Do.
McAtee, W. L.	do.	Various points in New York, Maine, Vermont, Massachusetts, and Connecticut (Feb. 16-Mar. 31, 1914).	To examine the herbariums for the purpose of obtaining data on the fruiting season of woody plants which bear fruits attractive to birds and to examine the collection of Hemiptera of the American Museum of Natural History, in connection with food habits of birds.	205.45	Do.
Palmer, T. S.	Assistant chief of bureau.	Madison, Green Bay, Milwaukee, Chicago, and other points in Wisconsin and Illinois (July 4-16, 1913).	To confer with State authorities regarding matters of game protection and cooperation in the enforcement of the Federal law protecting migratory birds.	84.90	General expenses, Bureau of Biological Survey, 1914 (game preservation).
Do.	do.	Omaha, Nebr. (Aug. 4-10, 1913).	To confer with State authorities in regard to game protection and secure a hearing on the proposed regulations for the protection of migratory birds.	55.35	Do.

Do.	Do.	Do.	To confer with State authorities in regard to game protection and arrange for a hearing on the proposed regulations for the protection of migratory birds.	30.15	Do.
Do.	Do.	Do.	To confer with State game commission and attend a hearing on the proposed regulations for the protection of migratory birds.	7.40	Do.
Do.	Do.	Do.	To confer with the district inspector of migratory birds, officers of the National Association of Audubon Societies concerning matters of game protection, and officers of the American Bison Society regarding the transfer of buffalo to Wind Cave National Park, S. Dak.	25.65	Do.
Do.	Do.	Do.	To confer with State game warden and sportsmen regarding cooperative work for the protection of migratory birds, and other matters relating to game protection.	18.95	Do.
Do.	Do.	Do.	To confer with State civil service commission and Federal inspectors and wardens of the Department of Agriculture relative to matters pertaining to warden service and enforcement of the Federal migratory bird law, and other subjects of game protection.	112.40	Do.
Do.	Do.	Do.	To confer with the officers of the American Bison Society relative to the establishment of a bison herd on the Wind Cave Park in South Dakota, and with local inspector under migratory bird law regarding the enforcement of the law, and other matters of game protection.	20.00	Do.
Do.	Do.	Do.	To confer with the officers of the State Game Protective Association, Audubon Society, and others in regard to a bill pending for the protection of birds and game in Virginia.	24.65	Do.
Do.	Do.	Do.	To confer with district inspectors and State officers regarding the enforcement of the Federal migratory bird law and other matters of game protection.	149.77	Do.
Do.	Do.	Do.	To confer with board of fish and game commissioners in regard to the enforcement of the Federal law protecting migratory birds and the organization of a warden force for this purpose.	45.81	General expenses, Bureau of Biological Survey, 1914 (protection of migratory birds).
Do.	Do.	Do.	To attend a meeting to consider questions of the regulation prohibiting the killing of reed birds under the Federal law protecting migratory birds.	8.85	Do.
Peters, James L.	Field assistant.	Do.	To assist in making investigation of economic status and geographic distribution of the mammals and birds of the region visited and of the migrations of birds.	233.59	General expenses, Bureau of Biological Survey, 1914 (biological investigations).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

BUREAU OF BIOLOGICAL SURVEY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Piper, S. E.....	Scientific assistant.....	Ocala, Fla. (Nov. 1-22, 1913).....	To carry on investigations in the Florida national forests in connection with the damage done by animals to reforesting, and devise means for preventing the damage.	\$121.45	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals). Do.
Do.....	do.....	Various points in North Dakota, Colorado, Arizona, California, and Utah (Mar. 14-26, 1914; May 6-June 1, 1914).	To continue investigations to devise practical means of controlling the depredations of prairie dogs and other injurious mammals.	274.39	
Do.....	do.....	Various points in California (Mar. 26-May 6, 1914).	To devise means for the destruction of ground squirrels in national forests of California and supervise field parties engaged in the work.	277.45	General expenses, Bureau of Biological Survey, 1914 (exterminating ground squirrels).
Scheffer, Theo. H.....	Assistant biologist.....	Flagstaff, Ariz., and Delphos, Kans. (July 1-Oct. 2, 1913), work begun in previous fiscal year.	To continue investigations to devise practical means of controlling the depredations of prairie dogs and other injurious mammals and to study methods of suppressing the destruction of seed by mammals and birds, in the course of reforestation.	203.72	General expenses, Bureau of Biological Survey, 1914 (food habits of birds and mammals).
Do.....	do.....	Ocala and other points in the State of Florida (Jan. 21-Feb. 22, 1914).	To make experiments for determining the best method of controlling rodents on seed-planting areas in the national forest.	162.28	Do.
Do.....	do.....	Various points in Washington and Oregon (Mar. 18-June 30, 1914).	To investigate the habits, life histories, and economic status of the several species of moles in that region.	414.18	Do.

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Calvert, E. B.....	Assistant Chief Division of Accounts and Disbursements.	Mount Weather, Va. (July 14, 15, 1913).....	To confer with departmental officials as to adaptability of Mount Weather to general use of department.	\$4.95	General expenses, Weather Bureau, 1914 (traveling expenses).
Do.....	do.....	Cincinnati, Ohio (July 18-22, 1913).....	To select site for Weather Bureau building.	55.85	Do.
Do.....	do.....	New York, N. Y.; Sandy Hook, N. J.; Narragansett Pier, Providence, Block Island, R. I. (Oct. 21-29, 1913).	To secure quarters in customhouse, New York; locate site for Weather Bureau building at Sandy Hook; and to arrange for proposed disposal of Weather Bureau cable between Narragansett Pier and Block Island.	68.90	Do.
Do.....	do.....	Cincinnati, Ohio (Dec. 1-4, 1913).....	To complete details attending purchase of site for new Weather Bureau building.	53.25	Do.

Fagan, M. E.	Chief, office of accounts, and fiscal agent.	To inspect fiscal agents' offices and instruct in cost-keeping methods.	468.10	General expenses, Forest Service, 1914 (general administration).
Fuchs, William R.	Deputy disbursing clerk.	To make payment into court for certain lands in New Hampshire acquired through condemnation proceedings under the Weeks forestry law.	44.85	Acquisition of lands for protection of watersheds of navigable streams.
Maring, D. T.	Assistant chief of division.	To arrange for starting construction work on new Weather Bureau building.	28.50	General expenses, Weather Bureau, 1914 (traveling expenses).
Do.	do.	To examine progress of work on new Weather Bureau building and storm warning tower at Sandy Hook, and to consult with officials in charge of Weather Bureau stations at Trenton and Philadelphia relative to station accounts.	27.35	Do.
Melzar, E. A.	District fiscal agent.	To inspect district headquarters offices and various national forest headquarters (trip begun in fiscal year 1913; July 1-Aug. 9, 1913).	390.99	General expenses, Forest Service, 1914 (general administration).
Do.	do.	Pensacola, Fla.; points in Arkansas; Denver, Colo. (Jan. 15-Mar. 5, 1914).	361.76	Do.

DIVISION OF PUBLICATIONS.

Beeson, L. W.	Photographer.	To make photographs of the stallions used in the Army horse-breeding work in the second horse-breeding district.	\$5.95	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	To make photographs of buildings and animals at Beltsville experimental farm.	.52	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	To make photographs of the Army remount stallions in the third horse-breeding district.	56.70	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	To make photographs of buildings and animals at the Beltsville experimental farm.	1.04	General expenses, B. A. I., 1914 (animal husbandry).
Do.	do.	To make photographs of the horses at the Morgan horse farm.	70.10	Cooperative experiments in animal feeding and breeding, 1914.
Do.	do.	To make photographs of hog cholera serum plants and photographs showing methods of preparing and administering hog cholera serum.	107.49	Investigations, etc., of hog cholera and dourine (hog cholera, 1914).
Boettcher, A. B.	Assistant in charge of illustrations.	To examine motion picture apparatus to be purchased for use in the Division of Publications.	22.35	General expenses, Division of Publications, 1914 (miscellaneous expenses).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

DIVISION OF PUBLICATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boettcher, A. B.	Assistant in charge of illustrations.	New Rochelle, New York, N. Y.; Fort Lee, N. J. (May 31–June 4, 1914).	To inspect the various motion picture manufacturing companies located in these cities, in order to secure data for the most effective and economical process in making titles and legends for motion picture reels; also to inspect the latest models and appliances in cameras and projectors, with the view of future purchase.	\$37.51	General expenses, Division of Publications, 1914 (miscellaneous expenses).
Cline, W. S.	Photographer.	White River Junction, Vt.; New York, N. Y. (Nov. 20–29, 1913).	To make moving pictures showing typical practices of cow-testing and herd improvement associations in and around White River Junction and to inspect moving picture apparatus, etc., in New York City.	58.09	General expenses, B. A. I., 1914 (dairy industry).
Do.	do.	Stopped in New York City and East Orange, N. J., for the Division of Publications on way back from White River Junction, Vt., while on business for the Bureau of Animal Industry (Nov. 28–29, 1913).	To examine motion picture apparatus with a view to the purchasing of same for the Division of Publications.	4.90	General expenses, Division of Publications, 1914 (miscellaneous expenses).

BUREAU OF STATISTICS.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Andrews, Frank.	Statistical scientist.	New Orleans and points in Louisiana (Nov. 7–22, 1913).	To collect information relative to sugar production.	\$141.21	General expenses, Bureau of Statistics, 1914 (special investigations).
Do.	do.	New Orleans and points in Louisiana (Mar. 20–23, 1914).	do.	96.62	Do.
Jones, S. A.	Assistant statistician.	Points in Alabama, Mississippi, and Texas (July 22–29, 1913).	To inspect office records and examine the work, methods, and efficiency of special field and State statistical agents in the States named.	132.86	Do.
Do.	do.	Greeneville, Tenn. (Oct. 4–7, 1913).	To investigate the qualifications of an applicant (Mr. A. J. Patterson) for the position of State statistical agent.	29.55	Do.
Do.	do.	Columbus, Ind., and Chattanooga, Tenn. (Nov. 2–14, 1913).	To inspect office records and examine the work, methods, and efficiency of State statistical agents for Indiana and Tennessee.	88.74	Do.
Murray, N. C.	Associate statistician.	Philadelphia, Pa., and Boston, Mass. (June 20–26, 1914).	To collect information relative to wool production.	45.10	Do.

OFFICE OF EXPERIMENT STATIONS.

Allen, E. W.	Assistant director.	Atlanta and Griffin, Ga. (July 8-11, 1913).	To confer with officials of Georgia Experiment Station in relation to conduct of work.	\$56.48	Agricultural experiment stations, 1914 (miscellaneous expenses).
Do.	do.	New Brunswick, N. J.; Orono, Me. (July 26-31, 1913).	To inspect State experiment stations, under act of Mar. 2, 1887, and amendatory acts, and confer with officials of the colleges and experiment stations in relation to their work and condition.	40.20	Do.
Do.	do.	Orono and Monmouth, Me. (Aug. 1-2, 1913).	do.	11.85	Do.
Do.	do.	Durham, N. H.; Kingston, R. I. (Aug. 18-28 and Sept. 1, 1913).	do.	41.80	Do.
Do.	do.	Various points in Utah, Nevada, California, Arizona, and Colorado (Sept. 13-Oct. 15, 1913).	do.	388.75	Do.
Do.	do.	Various points in Florida, Georgia, Alabama, Mississippi, North and South Carolina (Apr. 9-May 3, 1914).	do.	196.34	Do.
Do.	do.	Blacksburg, Va. (June 23-26, 1914).	do.	26.70	Do.
Beal, W. H.	Chief of division.	Pullman, Wash.; Moscow, Idaho; Bozeman, Mont.; Fargo, N. Dak.; Minneapolis, Minn.; Brookings, S. Dak.; Madison, Wis. (July 1-29, 1913).	do.	245.30	Do.
Do.	do.	Raleigh, N. C. (Sept. 21-25, 1913).	do.	35.40	Do.
Do.	do.	Newark, Del. (Oct. 20-21, 1913).	do.	12.94	Do.
Do.	do.	Points in Louisiana, Texas, New Mexico, Arizona, California, Nevada, Utah, Kansas, and Arkansas (Apr. 26-June 7, 1914).	do.	443.52	Do.
Do.	do.	Visited points in Kentucky and Tennessee (June 24-30, 1914).	d	51.25	Do.
Ervin, Guy	Stenographer and typewriter.	Emmett, Richfield, Gooding, and other points in Idaho (July 1-31, 1913).	To assist in irrigation field investigations.	133.95	Irrigation 1914.
Do.	do.	Blackford, Weiser, Payette, and Aberdeen, Idaho (Aug. 1-31, 1913).	To collect data on pumping plants and in regard to irrigation projects and operation of the Carey Act.	111.00	Do.
Do.	do.	Boise, Idaho; Ogden, Utah; Chicago, Ill. (Sept. 1-21, 1913).	To collect data on pumping plants.	152.10	Do.
Evans, W. H.	Chief of division.	Lansing, Mich.; Wooster, Ohio; Pittsburgh, Pa.; Morgantown, W. Va. (July 1-12, 1913).	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and confer with officials of colleges and experiment stations in relation to their work and condition.	70.46	Agricultural experiment stations, 1914 (miscellaneous expenses).
Do.	do.	Various points in Pennsylvania, New York, Connecticut, Massachusetts, and Vermont (Sept. 1-30, 1913).	do.	157.30	Do.
Do.	do.	Ames, Iowa; Chicago, Ill.; Omaha, Lincoln, Neb.; Fort Collins, Denver, Colo.; Laramie, Wyo.; Portland, Oreg. (June 16-30, 1914).	do.	158.42	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Fetzer, L. W.....	Specialist in biological chemistry.	New York, N. Y. (Aug. 31-Sept. 6, 1913) ..	To attend meetings at the American Veterinary Medical Association for the purpose of securing information for use in official work.	\$18.00	Agricultural experiment stations, 1914 (miscellaneous expenses).
Fortier, Samuel.....	Chief, irrigation investigations.	Fort Collins, Colo.; Logan, Utah; Boise, Payette, Twin Falls, Minidoka, Idaho (July 2-31, 1913).	To confer with department engineers and supervise work of irrigation investigations.	233.00	Irrigation investigations, 1914.
Do.....	do.....	Various points in Idaho, Montana, Washington, Oregon, and California (Aug. 1-31, 1913).	.....do.....	225.10	Do.
Do.....	do.....	Los Angeles, Santa Ana, Fullerton, Riverside, San Diego, Linda Vista, Pomona, Monrovia, Cal.; Reno, Nev.; Denver, Colo.; Ogden, Utah (Sept. 1-25, 1913).	To confer with department engineers and supervise work of irrigation investigations and to examine and report on the South Fork Irrigation dam in Weber County, Utah.	208.55	Do.
Do.....	do.....	Philadelphia, Pa.; Camden, Bloomfield, Finley, N. J. (Oct. 21-23, 1913).	To examine proposed cooperative irrigation experimental work.	31.69	Do.
Do.....	do.....	Anderson, Pa.; Cumberland, Vineland, N. J. (June 22-24, 1914).	To perform inspection work in connection with irrigation investigations.	17.89	Do.
Hanson, C. H.....	Assistant in agricultural education.	Ames, Iowa; Chicago, Ill.; La Fayette, Ind. (Jan. 30-Feb. 9, 1914).	To investigate and report upon the organization and progress of agricultural schools.	34.31	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Visited points in Ohio (May 12-22, 1914) ..	To cooperate with officials of Ohio State University in collection of data relating to agricultural schools.	60.50	Do.
Do.....	do.....	Albany, N. Y. (June 21-25, 1914) ..	To investigate in detail and report on work of visual instruction of the New York department of education as pertaining to agricultural education.	36.60	Do.
Harden, F. G.....	Scientific assistant.	Salt Lake City, Provo, Ogden, Utah; Boise, Gooding, and other points in Idaho (July 1-31, 1913).	To collect data on cooperative irrigation enterprises and duty of water experiments.	150.80	Irrigation investigations, 1914.
Do.....	do.....	Boise, Caldwell, Twin Falls, and other points in Idaho (Aug. 1-31, 1913).	.....do.....	144.00	Do.
Do.....	do.....	Seattle, Ellensburg, North Yakima, Grandview, Kennewick, Spokane, Wash.; Denver, Colo.; Liberty, Nebr.; Washington, D. C. (Sept. 1-26, 1913).	.....do.....	119.39	Do.
Hare, B. B.....	Assistant in agricultural education.	Columbia, S. C. (Aug. 5-7, 1913) ..	To deliver address on "The relation of agricultural education to farm tenancy" and attend "Conference for the common good," composed chiefly of farmers and teachers.	28.55	Agricultural experiment stations, 1914 (farmers' institutes).

Do.....	do.....	Brandywine, Md. (Nov. 12, 1913).....	To investigate and collect information for use in connection with the department work relating to agricultural schools.	5.12	Do.
Do.....	do.....	St. Matthews, Columbia, S. C. (Dec. 4-9, 1913).	To deliver address on agricultural education at the Calhoun County Teachers' Association, and to collect information relating to agricultural schools.	30.30	Do.
Heald, F. E.....	do.....	Madison, Wis. (May 26-June 10, 1914).....	To cooperate with officials of Wisconsin Agricultural College and confer with members of the station staff; investigate and report on the teaching of agriculture in the State schools.	98.35	Do.
Holmes, Arthur D.....	Scientific assistant.....	Charlottesville, Va. (July 16-17, 1913).....	To deliver address on the nutrition work of the Department of Agriculture with particular reference to ways in which it is helpful to the home maker at rural conference week of the university summer school.	12.30	Nutrition investigations, 1914.
Hunt, Caroline L.....	Expert in nutrition.....	Buffalo, N. Y. (Aug. 27-Sept. 2, 1913).....	To address the Fourth International Congress of School Hygiene—Symposium on School Feeding, on "The nutrition investigations of the Department of Agriculture and their bearing on the training of school dietitians."	39.46	Do.
Do.....	do.....	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).....	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	195.12	International Dry Land Congress at Tulsa, Okla., 1913-14.
Do.....	do.....	Tallahassee, Fla. (Mar. 8-14, 1914).....	To gather information for use in connection with an investigation of the utilization of waste fruit in the State of Florida in co-operation with the Bureau of Chemistry at meeting of county agents of the farmers co-operative demonstration work.	7.60	Nutrition investigations, 1914.
Do.....	do.....	Sparrows Point, Md. (May 27, 1914).....	To deliver address before domestic-science class of the high school on "What the United States Department of Agriculture is doing for domestic science."	1.80	Do.
Do.....	do.....	Chicago, Ill.; Cleveland, Ohio (June 10-30, 1914).	To deliver an address on the nutrition work of the Department of Agriculture at the biennial meeting of General Federation of Women's Clubs, and to take part in discussions and attend annual meetings.	65.20	Do.
Knight, H. L.....	Assistant editor.....	Lexington Ky. (June 24-27, 1914).....	To attend conference of agricultural colleges and experiment station editors at the Kentucky Agricultural Experiment Station for the purpose of reporting results for Experiment Station record.	45.85	Agricultural experiment stations, 1914 (miscellaneous expenses).
Lane, C. H.....	Chiefspecialist in agricultural education.	Salt Lake City, Utah; Columbia, Mo.; Lincoln, Nebr.; Madison, Wis. (July 1-20, 1913).	To investigate and report upon the organization and progress of agricultural schools and to attend National Education Association and discuss the agricultural college and its relation to public schools, etc.	182.98	Agricultural experiment stations, 1914 (farmers' institutes).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Lane, C. H.....	Chief specialist in agricultural education.	Northampton, Amherst, Mass.; Kingston, R. I.; Durham, N. H.; Orono, Me.; Lanes, Sackville, Rothesay, Fredericton, New Brunswick; Truro, Middleton, Nova Scotia; St. Anne de Bellevue, Quebec, Ottawa, Toronto, Guelph, Saranina, Petrolia, Hamilton, Ontario (Aug. 5-Sept. 19, 1913).	To investigate and report on the teaching of agriculture in schools and to obtain information for use in connection with the department work relating to agricultural schools.	\$190.32	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Columbia, Ohio; Winona Lake, Warsaw, LaLayette, Ind. (Oct. 23-29, 1913).	To investigate and report on the teaching of agriculture in schools.	66.70	Do.
Do.....	do.....	Syracuse, N. Y. (Nov. 23-25, 1913).....	To address the New York State Teachers' Association on the agricultural educational work of the Department of Agriculture, and collect information relating to agricultural schools.	23.73	Do.
Do.....	do.....	Boston, Mass. (Nov. 27-29, 1913).....	To address Massachusetts State Teachers' Association on the agricultural educational work of the Department of Agriculture.	36.02	Do.
Do.....	do.....	Pittsburgh, Pa., and return (Dec. 29, 1913-Jan. 1, 1914).	To attend Pennsylvania State Teachers' Association at Pittsburgh, Pa., for the purpose of delivering an address on "Agricultural literature and illustrative material," and to obtain information for use in connection with the department's work relating to agricultural schools.	36.20	Do.
Do.....	do.....	Montgomery, Tuskegee, Auburn, and Opelika, Ala. (Jan. 3-11, 1914).	To secure information relating to agricultural schools.	77.58	Do.
Do.....	do.....	Various points in Tennessee, Arkansas, Mississippi, Louisiana, and Texas (Feb. 7-28, 1914).	To investigate and report upon the organization and progress of agricultural schools in the several States, and, in connection with regular itinerary, to attend National Education Association meeting at Richmond, Va., to secure information relative to agricultural education work.	208.76	Do.
Do.....	do.....	Various points in Massachusetts (Mar. 22-25, 1914).	To obtain information for use in connection with work on agricultural education.	55.59	Do.

Do.....	.....do.....	Various points in West Virginia, Ohio, Kentucky, and Missouri (Apr. 4-17, 1914).	To investigate and report on the teaching of agriculture in schools and to attend "Conference for education in the South," for the purpose of taking part in the discussions and securing information for use in connection with the department's work relating to agricultural schools, in connection with regular itinerary.	134.09	Do.
Do.....	.....do.....	Evansville, Ind.; Pittsburgh, Pa.; Indianapolis, Ind. (Apr. 21-28, 1914).	To obtain information for use in connection with department work relating to agricultural schools.	95.85	Do.
Do.....	.....do.....	Points in North Carolina and South Carolina (May 20-29, 1914).	.....do.....	101.75	Do.
Do.....	.....do.....	Visited points in New York, Massachusetts, Pennsylvania, and New Jersey (June 9-20, 1914).	.....do.....	155.46	Do.
Langworthy, C. F.....	Chief, nutrition investigations.	Ithaca, N. Y. (July 1-5, 1913).	To address American Home Economics Association on nutrition investigations of Department of Agriculture.	29.78	Nutrition investigations, 1914.
Do.....	.....do.....	New York, N. Y. (May 1-7, 1914).	To confer with experts regarding the preparation of a bulletin on nutrition topics.	35.85	Do.
Do.....	.....do.....	Chicago, Ill.; Lake Placid, Utica, N. Y.; Cleveland, Ohio (June 9-30, 1914).	To attend biennial meeting of General Federation of Women's Clubs at Chicago, Ill., June 9-19, for the purpose of delivering an address on work of the Department of Agriculture, and to take part in discussions on nutrition and other home economics problems; to visit institutions and consult with experts; attend sessions of Institution Economics Section of American Home Economics Association, at Lake Placid, N. Y., June 23-27, for the purpose of delivering addresses on nutrition work of Department of Agriculture and to secure information relative to sanitary aspects of food in home; attend annual meeting of American Home Economics Association at Cleveland, June 30, for the purpose of disseminating information concerning nutrition investigations of Department of Agriculture and to consult with experts regarding profitable lines of investigation of home economic problems.	128.18	Do.
Lipp, P. H.....	Clerk, irrigation investigations.	Fort Collins, Colo., to Boise, Idaho (Sept. 29-Oct. 3, 1913).	To report for temporary assignment of duty..	129.00	Irrigation investigations, 1914.
Do.....	.....do.....	Boise, Idaho, to Washington, D. C. (Mar. 1-31, 1914).	To report for permanent assignment of duty..	92.95	Do.
McCroly, S. H.....	Engineer in charge of drainage investigations.	Various points in Nebraska, Missouri, and Mississippi (July 10-16, 25-31, 1913).	To confer with department engineers and supervise work of drainage investigations.	134.43	Drainage investigations, 1914.
Do.....	Chief, drainage investigations.	Durant, Jackson, Miss.; Birmingham, Ala.; Savannah, Ga.; Charleston, S. C. (Aug. 1-8, 1913).	.....do.....	85.46	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McCrory, S. H.	Chief, drainage investigations.	Various points in Montana, Idaho, Washington, California, Utah, and Nebraska (Sept. 2-30, 1913).	To confer with department engineers and supervise work of drainage investigations.	\$136.10	Drainage investigations, 1914.
Do.	do.	Marathon, Cedar Rapids, Iowa City, Iowa (Oct. 17-29, 1913).	do.	43.74	Do.
Do.	do.	Henderson, Ky.; Jackson, Tenn.; Starkeville, Miss.; Little Rock, Ark.; Roswell, Carizozo, N. Mex.; Amarillo, El Paso, Houston, Tex.; Phoenix, Ariz. (Nov. 1-30, 1913).	do.	223.98	Do.
Do.	do.	New Orleans, La.; Henderson, Ky.; Washington, D. C. (Dec. 1-7, 1913).	do.	90.43	Do.
Do.	do.	Baxley, Ga. (Dec. 10-13, 1914).	do.	42.24	Do.
Do.	do.	Various points in Kentucky (Jan. 9-31, 1914).	do.	70.75	Do.
Do.	do.	Raleigh, N. C., and Charleston, S. C. (Feb. 1-7, 1914).	do.	66.25	Do.
Do.	do.	Canfield, Ark.; Brownsville, Houston, Tex.; Montgomery, Ala.; Twin Falls, Idaho (Mar. 1-31, 1914).	do.	291.58	Do.
Do.	do.	Twin Falls, Idaho; various points in Colorado; Louisville, Ky.; Savannah, Ga.; Washington, D. C. (Apr. 1-30, 1914).	To confer with department engineers and supervise work of drainage investigations and to attend meeting of National Drainage Congress for purpose of delivering address on drainage work of Department of Agriculture.	250.30	Do.
Do.	do.	Beltsville, Md. (May 1-13, 1914).	Inspection of drainage work in progress.	.60	Do.
Do.	do.	Orangeburg, S. C.; Dayton, Ohio; Chicago, Ill.; Tacomah, Nebr. (June 1-30, 1914).	To confer with department engineers and supervise work of drainage investigations.	201.61	Do.
Merritt, Eugene.	Assistant in agricultural education.	Madison and other points in Wisconsin (Nov. 1-22, 1913).	To collect data on agricultural schools in cooperation with Wisconsin Agricultural College.	124.08	Agricultural experiment stations, 1914 (farmers' institutes).
Miller, E. A.	do.	Manassas, Va. (Aug. 16, 1913).	To address farmers' institutes on "School and community cooperation" and "Cooperation of community and school."	1.85	Do.
Do.	do.	Mitchell, Va. (Aug. 23, 1913).	do.	2.60	Do.
Do.	do.	Various points in Alabama, Nashville, Tenn. (Oct. 17-Nov. 1, 1913).	To collect data in relation to agricultural schools in cooperation with Alabama Polytechnic Institute and take part in discussions at Southern Educational Association meeting on "Agriculture in rural schools."	108.79	Do.

Do.....	do.....	Atlanta, Ga. (Dec. 30, 1913-Jan. 5, 1914)..	To deliver address before meeting of the School Garden Association on "Winter gardening in southern schools."	51.25	Do.
Do.....	do.....	Knoxville, Tenn.; Birmingham, Ala. (Apr. 6-19, 1914).	To obtain information for use in connection with agricultural education work of the Department of Agriculture and assist in the discussions on "The teaching of agriculture in rural schools" at a meeting of the Alabama Teachers' Association.	86.65	Do.
Do.....	do.....	Fayetteville, Ark.; Huntsville, Tex.; Morgantown, W. Va. (June 20-30, 1914).	To investigate and report on the teaching of agriculture in schools and deliver a series of addresses on agricultural education before the summer school for teachers of agriculture at the University of Arkansas, Sam Houston Normal School, and University of West Virginia.	121.52	Do.
Morehouse, A. D.....	Office engineer.....	Kalamazoo, Mich. (May 2-31, 1914).....	To collect data on general drainage investigations.	147.05	Drainage investigations, 1914.
Do.....	do.....	Various points in Michigan (June 5-30, 1914).	To investigate drainage conditions.....	116.51	Do.
Stedman, J. M.....	Assistant farmers' institute specialist.	State College, Northumberland, Montrose, Lawsville, Center, Sunbury, Huntingdon, Everett, Pa.; Cumberland, Md. (Oct. 1-9, 1913).	To assist officials of the Pennsylvania State College of Agriculture in organizing correspondence schools in agriculture in the State of Pennsylvania.	58.07	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Lawsville, Center, Pa. (Nov. 17-Dec. 10, 1913).	To assist Pennsylvania State College of Agriculture in conducting experimental correspondence schools in agriculture.	94.06	Do.
Do.....	do.....	Lemont and other points in Pennsylvania (Jan 5-15, 1914).	.....do.....	60.35	Do.
Do.....	do.....	Sunbury, Northumberland, Montrose, Pa. (Mar. 3-11, 1914).	To assist agricultural colleges in the establishment of movable and correspondence schools of agriculture.	50.06	Do.
Do.....	do.....	Various points in Virginia, South Carolina, Georgia, and Florida (May 3-16, 1914).	To confer with director of farmers' institutes regarding cooperation with this department.	103.13	Do.
Do.....	do.....	Richmond, Va. (May 22-23, 1914).....	.....do.....	11.45	Do.
Do.....	do.....	Visited points in Connecticut, Rhode Island, Massachusetts, New Hampshire, Maine, Vermont, New York, Michigan, Ohio, Kentucky, and West Virginia (June 2-25, 1914).		176.81	Do.
Teele, R. P.....	Irrigation economist.....	Various points in Nebraska, Utah, Wyoming, Colorado, and Missouri (Nov. 9-Dec. 1, 1913).	To collect data on irrigation laws and institutions, inspect irrigation work, and take part in discussions at the annual conference of United States Reclamation Service on maintenance and operation, by invitation of Director of Reclamation Service.	245.33	Irrigation investigations, 1914.
Do.....	do.....	Selma, Montgomery, Ala.; New Orleans, La.; Beaumont and other points in Texas (Apr. 16-30, 1914).	To inspect and supervise irrigation field work.	131.62	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Teele, R. P.....	Irrigation economist..	Various points in Texas, Arizona, New Mexico, Colorado, and Kansas (May 1-29, 1914).	To collect data on irrigation enterprises and inspect irrigation field work.	\$263.32	Irrigation investigations, 1914.
True, A. C.....	Director, Office of Experiment Stations.	London, Bristol, Harpenden, England (July 1-17, 1913).	To obtain information relating to the organization of agricultural schools and experiment stations.	45.10	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Atlanta, Ga. (Aug. 4-7, 1913).....	To confer with committee of Georgia Legislature in relation to work of State experiment station.	56.20	Agricultural experiment stations, 1914 (miscellaneous expenses).
Do.....	do.....	Albany, N. Y. (Aug. 9-11, 1913).....	To confer with specialist in agricultural education in relation to plans for future work.	15.00	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Blacksburg, Va. (Sept. 17-20, 1913).....	To inspect work and expenditures of agricultural experiment station under act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to work and condition.	17.97	Agricultural experiment stations, 1914 (miscellaneous expenses).
Do.....	do.....	Various points in Missouri, Texas, and Kentucky (Oct. 6-22, 1913).	.....do.....	164.42	Do.
Do.....	do.....	Various points in Nebraska and Kansas (Oct. 26-Nov. 4, 1913).	.....do.....	119.80	Do.
Do.....	do.....	Richmond, Va., and return (Feb. 2-6, 1914)	To attend meeting of the national committee on agricultural education of the National Education Association and to investigate and report on the work and progress of agricultural schools.	15.00	Agricultural experiment stations, 1914 (farmers' institutes).
Do.....	do.....	Louisville, Ky. (Apr. 6-10, 1914).....	To attend conference on "Country life and education in the South," and to obtain information regarding agricultural schools, farmers' institutes, demonstration, and other extension work.	49.50	Do.
Do.....	do.....	Various points in Illinois, Ohio, Indiana, and Pennsylvania (May 10-16, 1914).	To confer with the officials of agricultural colleges regarding extension work in agriculture, including farmers' institutes.	76.23	Do.
Do.....	do.....	Boston, Mass., and New York City (June 13-24, 1914).	To confer with the dean of the Maine Agricultural College on movable schools, farmers' institutes, and other forms of extension work in Maine.	32.70	Agricultural experiment stations, 1914 (miscellaneous expenses).

OFFICE OF PUBLIC ROADS.

Allen, T. Warren.....	Senior highway engineer.	Forest reserves in Montana, Washington, Oregon, Arizona, California, and New Mexico (July 1-Sept. 28, 1913).	To make inspections of various types of road construction and to give advice to officials of the Forest Service and of the Interior Department concerning the best methods of road building in forest reserves and national parks.	\$883. 60	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Providence, R. I. (Oct. 8-21, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	124. 00	Do.
Do.....	do.....	Yosemite, Cal. (Nov. 26-Dec. 1, 1913).....	To make inspections of various types of road construction and to give advice to officials of the Forest Service and of the Interior Department concerning the best methods of road building in forest reserves and national parks.	328. 05	Do.
Do.....	do.....	Savannah, Ga., and McBee, S. C. (Jan. 23-28, 1914).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	72. 85	Do.
Do.....	do.....	Westerly, R. I. (Feb. 10-18, 1914).....	do.....	61. 65	Do.
Do.....	do.....	Forest reserves and national parks in Idaho, Oregon, Utah, California, New Mexico, and Colorado (Apr. 21-June 30, 1914).	To make inspections of various types of road construction and to give advice to officials of the Forest Service and of the Interior Department concerning the best methods of road building in forest reserves and national parks.	824. 70	Do.
Anderton, Benjamin A.....	Assistant chemist.....	Chevy Chase, Md. (July 29-31, 1913).....	To supervise the maintenance of experimental bituminous roads constructed by the Office of Public Roads in Montgomery County, Md.	2. 70	General expenses, Office of Public Roads, 1914 (road material).
Do.....	do.....	Bethesda, Garrett Park, and Rockville, Md. (Sept. 16 and 24, and Oct. 23, 1913).	do.....	8. 89	Do.
Do.....	do.....	Baltimore, Md. (Nov. 6, 1913).....	To make inspection of roads with reference to dust preventives and road binders in connection with chemical tests of same.	3. 00	Do.
Do.....	do.....	Chevy Chase, Rockville, and Garrett Park, Md. (Nov. 3-Dec. 17, 1913).	do.....	13. 29	Do.
Do.....	do.....	Richmond, Va. (Feb. 9-11, 1914).	do.....	13. 60	Do.
Do.....	do.....	Aurusta, Me.; Boston and Springfield, Mass. (Apr. 21-26, 1914).	do.....	54. 10	Do.
Arbenz, Herman L.....	Senior highway engineer.	Danville, Ark. (July 1-22, 1913).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	88. 10	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Amite, La. (July 23-Aug. 28, 1913).....	To advise with county road officials concerning the adoption of a county model system best suited to local requirements.	29. 55	Do.
Do.....	do.....	Opelousas, La. (Aug. 29-Sept. 3, 1913).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	27. 73	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Arbenz, Herman L.	Senior highway engineer.	Henderson, Tex. (Sept. 4-Oct. 11, 1913).	To advise with county road officials concerning the adoption of a county model system best suited to local requirements.	\$13. 28	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance). Do.
Do.	do.	Dublin and Stephenville, Tex. (Oct. 12-Dec. 31, 1913).	To supervise the construction of an object-lesson road.	256. 85	Do.
Do.	do.	Teague, Tex. (Feb. 19-Apr. 19, 1914).	To advise with county road officials concerning the adoption of a county model system best suited to local requirements, and to supervise the construction of an object-lesson road.	109. 70	Do.
Do.	do.	Fort Wayne, Ind. (Apr. 20-June 9, 1914).	To advise with county road officials concerning the adoption of a county model system best suited to local requirements.	131. 24	Do.
Do.	do.	Various points in Nebraska (June 10-30, 1914).	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	113. 29	Do.
Bilger, Harry E.	do.	Indianola, Clarksdale, Brandon, Jackson, Woodland, Okolona, Miss. (July 3-Aug. 12; Aug. 14; Aug. 17-Nov. 20, 1913).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance, and to supervise the construction of an object-lesson road and make road surveys.	350. 28	Do.
Do.	do.	Florence, Miss. (Aug. 13, 1913).	To make inspections of certain types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	4. 35	Do.
Do.	do.	Pelahatchee, Miss. (Aug. 15-16, 1913).	To make surveys of roads preparatory to road construction.	8. 81	Do.
Do.	do.	Weatherford, Tex. (Nov. 21-Dec. 20, 1913).	To make inspections of certain types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	139. 63	Do.
Do.	do.	Clarksville, Athens, Tenn.; Old Fort, N. C. (Dec. 21, 1913-Jan. 17, 1914).	To advise with county road officials concerning the adoption of a county model system best suited to local requirements.	110. 10	Do.
Do.	do.	Snyder, Tex. (Jan. 27-Mar. 11, 1914).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	92. 30	Do.
Boykin, Lester E.	Assistant in road economic investigations.	Yemassee, S. C. (July 3-5, 1913).		48. 80	General expenses, Office of Public Roads, 1914 (road management).

Do.	do.	(Chattanooga, Tenn.; Meridian, Miss.; Newark, Ark. (Aug. 13-19, 1913).	30.00	Do.	
Do.	do.	(Knoxville, Tenn. (Aug. 24-27, 1913).	30.67	Do.	
Do.	do.	(Bloomington, Ill.; Oklahoma City, Okla. (Sept. 15-Oct. 7, 1913).	34.00	Do.	
Do.	do.	(Fairfax County, Va. (Nov. 1, 1913).	53.40	Do.	
Do.	do.	(Chapel Hill, N. C. (Nov. 4-9, 1913).	55.91	Do.	
Do.	do.	(Butler Pa. (Mar. 24-26, 1914).	120.00	Do.	
Do.	do.	(Gainesville, Quincy, Bradenton, Fla. (Apr. 8-19, 1914).	25	Do.	
Do.	do.	(Bowling Green, Ky. (May 2-13, 1914).	59.60	Do.	
Do.	do.	(Wheeling, W. Va. (May 28-30, 1914).	27.45	Do.	
Do.	do.	(Oil City, Pa. (June 2-4, 1914).	134.70	Do.	
Brahnard, Albert S.	Senior highway engineer.	(Charleston, W. Va. (Apr. 15-23, 1914).	87.86	Do.	
Do.	do.	(Hartford, Conn.; Johnstown, Vt. (May 13-22, 1914).	29.80	Do.	
Burrell, Bert H.		(Spokane, Wash.; Grangeville, Idaho (July 13-30, 1914).	31.05	Do.	
Do.	do.	(Eureka, Cal. (Aug. 15-25, 1913).	38.48	Do.	
Do.	do.	(Various points in Utah (Aug. 26-Sept. 12, 1913).	58.60	Do.	
Do.	do.	(Weaverville, Cal. (Sept. 13, 1913-Mar. 10, 1914).	67.00	Do.	
Do.	do.	(Fayetteville, W. Va. (Mar. 17-23, 1914).	100.75	Do.	
Do.	do.	(Fayetteville, W. Va. (Apr. 2-7, 1914).	151.05	Do.	
Do.	do.	(Brownstown, Ind. (Apr. 10-May 12, 1914).	65.00	Do.	
Do.	do.	(Dubuque, Iowa (May 13-June 30, 1914).	289.07	Do.	
Do.	do.	(Albemarle, N. C. (June 2-4, 1914).	40.40	Do.	
Do.	do.	(Luna Park and Four Mile Run, Va. (June 20-29, 1914).	34.30	Do.	
Do.	do.		112.12	Do.	
Do.	do.		209.39	Do.	
Do.	do.		25.30	Do.	
Do.	do.		5.65	Do.	

(General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.

(General expenses, Office of Public Roads, 1914 (road management).
Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cilley, Morgan.....	Assistant mechanical engineer.	Alexandria, Va. (May 4-12, 1914).....	To conduct series of tests with a dynamometer wagon in connection with field experiments, with a view to securing data for use in road construction and maintenance.	\$22.37	General expenses, Office of Public Roads, 1914 (field experiments).
Craig, Harold K.....	Junior highway engineer.	Okmulgee, Okla. (July 14-Aug. 20, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	93.22	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Greenwood, Miss. (Aug. 21, 1913-Apr. 1, 1914).....	do.....	154.02	Do.
Do.....	do.....	Rockville, Md. (Apr. 3-June 30, 1914).....	do.....	102.48	Do.
Davies, Alice L.....	Lecturer on road economics.	Castine, Gorham, Farmington, Orono, and Machias, Me.; Middlebury, Vt.	To deliver lectures on road management and to demonstrate models of road and bridge construction.	70.29	General expenses, Office of Public Roads, 1914 (road management).
Do.....	do.....	Various points in States of Maine, Massachusetts, and Vermont.	To make an economic study of highway systems, and give advice to local road officials on road management.	101.00	Do.
Do.....	do.....	Duluth, Minn.....	To deliver lectures on road management and to demonstrate models of road and bridge construction.	25.00	Do.
Do.....	do.....	Superior, Wis. (July 1-28, 1913).....	do.....	25.00	Do.
Do.....	do.....	Mobile, Ala. (Oct. 12-Nov. 3, 1913).....	do.....	80.27	Do.
Davis, Fred A.....	Civil engineer student.	Bethesda, Md. (July 1-Sept. 28, 1913).....	To receive instructions in highway engineering and to assist highway engineers of the office in road construction.	99.90	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Beltsville, Md. (Sept. 30-Oct. 2, 1913).....	do.....	1.20	Do.
Do.....	do.....	Ames, Iowa (Oct. 12-Nov. 20, 1913).....	do.....	96.55	Do.
Do.....	do.....	Weatherford, Tex. (Nov. 21-Dec. 20, 1913).....	do.....	134.60	Do.
Do.....	do.....	Ames, Iowa (Apr. 2-June 30, 1914).....	To receive instruction in highway engineering and to assist highway engineers of the office in investigating the physical properties of road material.	133.33	General expenses, Office of Public Roads, 1914 (road material).
Dodge, Julius H.....	Superintendent of road construction.	Ames, Iowa (July 1-Sept. 3 and Sept 7-15, 1913).....	To supervise the construction and improvement of roads being used for rural delivery service, and give advice by demonstration and otherwise concerning the best methods of road building and maintenance.	107.40	Improving roads for rural delivery service.

Do.	Do.	DeKalb, Ill. (Sept. 4-6, 1913).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	19. 14	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	Do.	Nevada, Iowa (Sept. 16-18, 1913).	do.	10. 18	Do.
Do.	Do.	Ames, Iowa (Sept. 19-Nov. 30, 1913).	To supervise the construction and improvement of roads being used for rural delivery service, and give advice by demonstration and otherwise concerning the best methods of road building and maintenance.	109. 27	Improving roads for rural delivery service.
Do.	Do.	Ames, Iowa (Dec. 1-17, 1913).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	5. 45	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	Do.	Dodge City, Garden City, Ford and Independence, Kans. (Dec. 18-24, 1913).	do.	35. 38	Do.
Do.	Do.	Columbus, Ohio (Feb. 16-18, 1914).	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	11. 30	Do.
Do.	Do.	Beeville, Tex. (Feb. 25-Mar. 27, 1914).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	136. 20	Do.
Do.	Do.	Ames, Iowa (Mar. 23-June 30, 1914).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	215. 56	Do.
Eldridge, Maurice O.	Assistant in charge of road management.	Mullikens Station, Md. (July 12-13, 1913).	do.	9. 48	General expenses, Office of Public Roads, 1914 (road management).
Do.	Do.	Council Bluffs, Iowa (Aug. 8-25, 1913).	do.	121. 29	Do.
Do.	Do.	Columbus, Ohio (Sept. 1-8, 1913).	do.	91. 66	Do.
Do.	Do.	Louisville, Ky. (Sept. 9-20, 1913).	do.	78. 28	Do.
Do.	Do.	Detroit, Mich. (Sept. 21-Oct. 6, 1913).	do.	115. 41	Do.
Do.	Do.	Tulsa, Okla. (Oct. 22-Nov. 1, 1913).	To assist in installation and demonstration of exhibits of the department at the Tulsa Dry Land Congress.	158. 07	International Dry Land Congress at Tulsa, Okla., 1913-14.
Do.	Do.	Springfield, Mo. (Nov. 3-6, 1913).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	21. 69	General expenses, Office of Public Roads, 1914 (road management).
Do.	Do.	Harrisonburg, Va. (Jan. 18-19, 1914).	do.	16. 20	Do.
Do.	Do.	Grafton, N. Dak. (Jan. 27-30, 1914).	do.	57. 20	Do.
Do.	Do.	Grand Forks, N. Dak. (Jan. 31-Feb. 2, 1914).	do.	13. 80	Do.
Do.	Do.	Owosso, Mich. (Feb. 3-5, 1914).	do.	40. 86	Do.
Do.	Do.	Morganstown, W. Va. (Feb. 6-11, 1914).	do.	50. 25	Do.
Do.	Do.	Winchester, Va. (Feb. 16-17, 1914).	do.	8. 35	Do.
Do.	Do.	Silver Spring, Md. (Feb. 18, 1914).	do.	20. 20	Do.
Do.	Do.	St. Joseph, Mo. (Mar. 17-21, 1914).	do.	87. 90	Do.
Do.	Do.	Lynchburg, Va. (Mar. 23-25, 1914).	do.	19. 65	Do.
Do.	Do.	Haymarket, Va. (Apr. 2-3, 1914).	do.	2. 30	Do.
Do.	Do.	Bangor, Me. (Apr. 6-10, 1914).	do.	70. 40	Do.
Do.	Do.	Fort Wayne, Columbus City, and other points in Indiana (Apr. 12-29, 1914).	do.	159. 89	Do.
Do.	Do.	Kempsville, Va. (May 5-6, 1914).	do.	17. 20	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Eldridge, Maurice O.	Assistant in charge of road management.	Rockville, Md. (May 9, 1914).....	To deliver lectures on road management and to demonstrate methods of road and bridge construction.	\$1. 50	General expenses, Office of Public Roads, 1914 (road management).
Do.	do.	Various points in New York (May 23-June 5, 1914).....	do.	80. 60	Do.
Do.	do.	North Attleboro, Mass. (June 10-12, 1914).....	do.	29. 65	Do.
Fairbank, Herbert S.	Highway engineer.	Marthas Vineyard, Mass. (July 7-Aug. 25, 1913).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	124. 30	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Staunton, Va. (Aug. 26-Sept. 29, 1913).....	To superintend the maintenance of county roads in connection with giving advice on the best methods of road maintenance.	93. 95	Do.
Do.	do.	Appomattox and Farmville, Va. (Sept. 30-Nov. 1, 1913).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	109. 98	Do.
Do.	do.	Chilmark, Mass. (Nov. 26, 1913-Jan. 17, 1914).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	125. 50	Do.
Do.	do.	Albemarle, N. C. (Feb. 10-Mar. 25, 1914).....	do.	102. 25	Do.
Do.	do.	Charleston, S. C. (Mar. 26-Apr. 5, 1914).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	58. 45	Do.
Do.	do.	Brownstown, Ind. (Apr. 7-17, 1914).....	do.	52. 25	Do.
Do.	do.	Various points in Massachusetts (Apr. 18-June 10, 1914).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	106. 20	Do.
Do.	do.	Staunton, Va. (June 16-30, 1914).....	do.	48. 40	Do.
Fauntleroy, James D.	Senior highway engineer.	Various points in Maryland (Feb. 13-20, 1914).....	To conduct research investigations relative to road management and to gather general statistical data on this subject.	20. 24	General expenses, Office of Public Roads, 1914 (road management).
Do.	do.	Hanover and Chambersburg, Pa. (Feb. 21-27, 1914).....	do.	8. 97	Do.
Do.	do.	Leesburg, Purcellsville, Woodstock, Winchester, Manassas, and Remington, Va. (Mar. 5-30, 1914).....	do.	11. 87	Do.
Do.	do.	Alexandria, Va. (Apr. 1-June 30, 1914).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	152. 85	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).

Fenton, Katherine J...	Lecturer on road economics.	Winona, Rushford, Laverne, Pipestone, Wilmar, and St. Cloud, Minn.; Valley City, N. Dak.; Fresno, S. Dak.; Kearney and McCook, Nebr.; and Manhattan, Kans. (July 1-31, 1913).	To deliver lectures on road management and to demonstrate models of road and bridge construction.	170. 86	General expenses, Office of Public Roads, 1914 (road management).
Do.....	do.....	Alamosa, Colo. (Aug. 1-6, 1913).	do.....	29. 15	Do.
Do.....	do.....	Mayville, Hillsboro, and Fargo, N. Dak.; Lincoln, Clay Center, and Gering, Nebr.; Ottumwa, Iowa; and International Falls, Minn. (Aug. 7-Sept. 7, 1913).	do.....	282. 20	Do.
Do.....	do.....	Denver and Greeley, Colo. (Oct. 25-30, 1913).	do.....	82. 40	Do.
Do.....	do.....	Hood River and Portland, Ore. (Nov. 1-8, 1913).	do.....	84. 53	Do.
Do.....	do.....	Rapid City, Belle Fourche, Deadwood, Hill City, Edgemont, Hot Springs, and Custer, S. Dak. (Nov. 9-24, 1913).	do.....	136. 16	Do.
Do.....	do.....	Greybull, Basin, Thermopolis, Lander, Bonneville, and Shoshone, Wyo. (Nov. 25-30, 1913).	do.....	49. 08	Do.
Do.....	do.....	Deadwood and Rapid City, S. Dak. (Dec. 1-9, 1913).	do.....	105. 24	Do.
Galbreath, Mack.....	Civil engineer student.	Rectortown Va. (July 6-Sept. 22, 1913).....	To receive instruction in highway engineering and to assist highway engineers of the office in road construction.	61. 65	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Mount Sterling, Ky. (Sept. 23-Dec. 16, 1913).	do.....	97. 00	Do.
Do.....	do.....	Old Fort, N. C. (Apr. 5-14, 1914).....	To receive instruction in highway engineering and to assist highway engineers of this office in investigating the physical properties of road materials.	28. 95	General expenses, Office of Public Roads, 1914 (road material).
Do.....	do.....	Mount Sterling, Ky. (Apr. 15-30, 1914).....	do.....	73. 37	Do.
Goldbeck, Albert T....	Testing engineer.	Crownsville, Md. (July 7, 1913).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	1. 25	Do.
Do.....	do.....	Chicago, Ill. (July 8-11, 1913).....	To participate in an investigation looking to the standardization of tests of nonbituminous road materials.	38. 70	Do.
Grover, Oscar L.....	Senior structural engineer.	Swainboro, Mass. (July 17-19, 1914).....	To inspect various types of road construction and to give advice to county and to township officials concerning the best methods of road building and maintenance.	40. 55	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Hathaway, Arthur S., Jr.	Civil engineer student.	Rockville, Md. (July 7-16, 1913).....	To receive instruction in highway engineering and to assist highway engineers of the office in road construction.	20. 50	Do.
Do.....	do.....	Wallace, N. Dak. (Aug. 27-Oct. 7, 1913).....	do.....	73. 40	Do.
Do.....	do.....	Anderson, S. C. (Oct. 8-Nov. 17, 1913).....	do.....	77. 30	Do.
Do.....	do.....	Accotink, Va. (Nov. 24-Dec. 18, 1913).....	do.....	69. 30	Do.
Do.....	do.....	Alexandria, Va. (Jan. 28, 1914).....	do.....	1. 80	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hathaway, Arthur S., Jr.	Civil engineer student.	Alexandria, Va. (Apr. 24-June 30, 1914).....	To receive instruction in highway engineering and to assist highway engineers of the office in road construction.	\$71.85	General expenses, Office of Public Roads 1914 (road material).
Heidel, Benjamin F.	Senior highway engineer.	Florence, Ala. (Aug. 16-18, 1913).....	To inspect various types of road construction and to give advice to county and township officials concerning the best methods of road building and maintenance.	40.35	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Ames, Iowa, and St. Paul, Minn. (Aug. 19-29, 1913).....	do.	113.18	Do.
Do.	do.	Rockville, Md. (Nov. 11, 1913).....	do.	9.00	Do.
Do.	do.	Newton, Mass. (Dec. 11-13, 1913).....	do.	28.70	Do.
Do.	do.	New York, N. Y. (Dec. 14-18, 1913).....	do.	40.85	Do.
Do.	do.	Greenwood, Miss. (Mar. 1-3, 1914).....	do.	43.42	Do.
Do.	do.	San Antonio, New Braunfels, Lockhart, Houston, Teague, Corsicana, and Waco, Tex. (Mar. 4-14, 1914).....	do.	139.02	Do.
Do.	do.	Park Head, W. Va. (Apr. 23-25, 1914).....	do.	16.05	Do.
Do.	do.	Montpelier, Vt. (May 6-10, 1914).....	do.	39.73	Do.
Do.	do.	Loudon, Tenn. (June 5-10, 1914).....	do.	44.30	Do.
Do.	do.	San Antonio and Austin, Tex. (June 11-25, 1914).....	do.	117.15	Do.
Do.	do.	Florence, Ala. (June 26-30, 1914).....	do.	57.15	Do.
Hendley, Henry W.	Model maker.	Detroit, Mich. (Sept. 25-Oct. 1, 1913).....	To deliver lectures on road management and to demonstrate models of road and bridge construction.	63.15	General expenses, Office of Public Roads, 1914 (road management).
Hewes, Laurence I.	Senior highway engineer.	Greenwood, Miss. (July 1-17, 1913).....	To make an economic study of highway systems, and give advice to local road officials on road management.	77.78	Do.
Do.	do.	Corpus Christi, Tex. (July 6-13, 1913).....	do.	96.56	Do.
Do.	do.	Alexandria, Va. (July 25-28, 1913).....	do.	34	Do.
Do.	do.	Chevy Chase, Md. (July 31, 1913).....	do.	20	Do.
Do.	do.	Ann Arbor, Mich. (Oct. 1-2, 1913).....	To deliver lectures on road management and to demonstrate models of road and bridge construction.	30.03	Do.
Do.	do.	The Dalles, Hood River, and Jacksonville, Oreg. (Oct. 3-30, 1913).....	To make an economic study of highway systems, and give advice to local road officials on road management.	309.99	Do.
Do.	do.	Green Valley, Va. (Nov. 11, 1913).....	do.	20	Do.

Do.	Do.	21.59	To deliver lectures on road management and to demonstrate models of road and bridge construction.	Do.
Do.	Do.	32.82	do.	Do.
Do.	Do.	36.95	do.	Do.
Do.	Do.	.10	To make an economic study of highway systems, and give advice to local road officials on road management.	Do.
Do.	Do.	87.28	To deliver lectures on road management and to demonstrate models of road and bridge construction.	Do.
Do.	Do.	83.02	do.	Do.
Do.	Do.	18.35	do.	Do.
Do.	Do.	71.00	do.	Do.
Do.	Do.	35.72	do.	Do.
Do.	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).	1.40	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	Do.	234.55	do.	Do.
Do.	General expenses, Office of Public Roads, 1914 (road material).	58.20	To conduct investigations of concrete in connection with an investigation of the physical properties of road material.	General expenses, Office of Public Roads, 1914 (road material).
Do.	Do.	49.08	To make an investigation of certain non-bituminous road materials.	Do.
Do.	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).	19.42	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	Do.	6.40	do.	Do.
Do.	Do.	41.40	do.	Do.
Do.	Do.	4.10	do.	Do.
Do.	Do.	5.15	do.	Do.
Do.	Do.	.90	do.	Do.
Do.	Do.	.20	do.	Do.
Do.	Do.	19.25	do.	Do.
Do.	Do.	29.15	do.	Do.
Do.	Do.	27.87	do.	Do.
Do.	Do.	36.20	do.	Do.
Do.	Do.	15.21	do.	Do.
Do.	Do.	60.69	do.	Do.
Do.	Do.	3.50	do.	Do.
Do.	Do.	31.65	do.	Do.
Bennington, Vt. (Dec. 6-7, 1913).....				
South Bethlehem, Pa. (Dec. 8-10, 1913).....				
Cleveland and Columbus, Ohio (Dec. 6-14, 1913).....				
Hatfield, Va. (Dec. 20, 1913).....				
Ames, Iowa, and Moline, Ill. (Jan. 5-10, 1914).....				
Bay City, Mich.; Champaign, Urbana, Ill. (Jan. 23-25, 1914).....				
New York, N. Y. (Feb. 18-19, 1914).....				
Knoxville and Clarksville, Tenn. (Feb. 22-Mar. 3, 1914).....				
Mount Sterling, Ky. (Mar. 4-5, 1914).....				
Bradley Hills, Md. (Mar. 26, 1914).....				
Rockville, Md. (Mar. 30-June 30, 1914).....				
Chevy Chase and Rockville, Md.; trips of less than one day (Aug. 19, 1913-May 28, 1914).....				
Zanesville and Columbus, Ohio (June 21-23, 1914).....				
Smyrna, Del. (July 7-8, 1913).....				
Pohick, Va. (July 21, 1913).....				
Fredericksburg, Verdon, and Ellets Crossing, Va. (July 22-24, 1913).....				
Alexandria, Va. (July 30, 1913).....				
Baltimore, Md. (Aug. 6-9, 1913).....				
Rockville, Md. (Aug. 12, 1913).....				
Chevy Chase, Md. (Aug. 28, 1913).....				
Beaver Dam, Va. (Sept. 25-26, 1913).....				
New York and Bedford Hills, N. Y. (Dec. 30, 1913-Jan. 1, 1914).....				
New York City and Garden City, N. Y. (Jan. 16-18, 1914).....				
Clarksville and Memphis, Tenn. (Jan. 21-22, 1914).....				
Greenwood, Miss. (Jan. 23, 1914).....				
Florence, Ala. (Jan. 24-29, 1914).....				
Fairfax, Va.; Chevy Chase, Md.; trips of less than one day (Feb. 4-Mar. 4, 1914).....				
Mount Sterling, Ky. (Mar. 17-18, 1914).....				
Jackson, Frank H., Jr., and party.....	Laboratory assistant.....			
Jackson, Frank H., Jr.....	Chief of division of road maintenance.....			
James, Edwin W.....				

Statement showing the names of officers or employees (other than special-agents, inspectors, or employees who in the discharge of their regular duties are required constantly to travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
James, Edwin W.....	Chief of division of road maintenance.	Florence, Ala. (Mar. 20-22, 1914).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	\$30.16	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	London, Tenn. (Mar. 23-25, 1914).....	do.....	34.15	Do.
Do.....	do.....	Augusta and Atlanta, Ga. (Mar. 25-28, 1914).....	do.....	31.40	Do.
Do.....	do.....	Pittsburgh, Mercer, and Franklin, Pa. (Apr. 7-10, 1914).....	do.....	39.01	Do.
Do.....	do.....	Raleigh and Durham, N. C. (May 3-4, 1914).....	do.....	32.55	Do.
Do.....	do.....	Petersburg, Va. (May 5-6, 1914).....	do.....	5.35	Do.
Do.....	do.....	Annapolis, Md. (May 18, 1914).....	do.....	1.50	Do.
Do.....	do.....	Kensington and Rockville, Md.; Alexandria and Arlington, Va.; trips of less than one day (Apr. 2-June 30, 1914).....	do.....	7.83	Do.
Do.....	do.....	Woodbury, N. J. (Apr. 23-26, 1914).....	do.....	35.30	Do.
Do.....	do.....	Pinehurst, Fayetteville, Smithfield, Oxford and Weldon, N. C. (May 22-27, 1914).....	do.....	46.35	Do.
Do.....	do.....	Durham, and Raleigh, N. C. (June 15-20, 1914).....	do.....	25.10	Do.
Lynch, William H.....	Senior highway engineer.	Rockville, Md. (July 5, 7-16, 18; Aug. 4, 26; Sept. 3, 4, 10, 12, 16, 1913).....	do.....	71.70	Do.
Do.....	do.....	Nauick, Va. (Aug. 4, 18, 19, 20, 21, 25, 27, 1913).....	do.....	3.85	Do.
Do.....	do.....	Baltimore, Md. (Sept. 5, 1913).....	do.....	2.90	Do.
Do.....	do.....	Bethesda, Md. (Sept. 13, 1913).....	do.....	45	Do.
Do.....	do.....	Farmville, Va. (Sept. 18-Oct. 18, 1913).....	do.....	127.83	Do.
Do.....	do.....	Spotsylvania County, Va. (Oct. 19-Dec. 20, 1913).....	do.....	160.13	Do.
Do.....	do.....	Spotsylvania County, Va. (Jan. 4-June 30, 1914).....	do.....	251.01	Do.
McCormick, Edmund B.....	Mechanical engineer...	{ Chicago, Ill., and Florence, Ala. (July 8-23, 1913). Greenwood, Miss. (July 30-Aug. 8, 1913). Mankato, Minn. (Aug. 23-Sept. 8, 1913). { Detroit, Mich.; Cleveland, Ohio; Chicago, Ill. (Sept. 24-Oct. 6, 1913). Manhattan, Kans. (Oct. 7, 1913).....	{ To conduct series of tests with a dynamometer wagon in connection with field experiments, with a view to securing data for use in road construction and maintenance. do..... do..... do..... do.....	{ 90.61 75.00 89.22 181.56 35.00 25.95 49.00 28.03	{ General expenses, Office of Public Roads, 1914 (field experiments). Do. Do. Do. Do. Do. Do.

Do.....	do.....	Springfield and Worcester, Mass.; Providence, R. I. (Feb. 9-15, 1914).....	do.....	58.85	Do.
Do.....	do.....	Alexandria, Va. (Apr. 28-May 2, 1914).....	do.....	7.90	Do.
Do.....	do.....	Memphis, Tenn. (May 6-9, 1914).....	do.....	44.25	Do.
Do.....	do.....	Cleveland, Ohio (May 10-13, 1914).....	do.....	55.91	Do.
Do.....	do.....	Portland, Me. (June 6-10, 1914).....	do.....	57.10	Do.
Do.....	do.....	Lawton, Okla. (Aug. 3-7, 1913).....	do.....	43.27	Do.
Do.....	do.....	De Soto, Bismarck, Ironton, Des Arc, Piedmont, Van Buren, Williamsville, and St. Joseph, Mo.; Caledonia and St. James, Minn.; Hot Springs, Ark. (Sept. 27-Nov. 9, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance. To deliver lectures on road management and to demonstrate models of road and bridge construction.	336.51	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance). General expenses, Office of Public Roads, 1914 (road management).
Do.....	do.....	Green Valley and Hume, Va. (Nov. 11-12, 1913).....	do.....	1.05	Do.
Do.....	do.....	Kankakee, Ill. (Dec. 31, 1913-Jan. 9, 1914).....	do.....	41.58	Do.
Do.....	do.....	Lexington, Ky. (Jan. 10-15, 1914).....	do.....	39.50	Do.
Do.....	do.....	Gainesville, Tex. (Jan. 16-19, 1914).....	do.....	48.65	Do.
Do.....	do.....	Fort Worth, Tex. (Jan. 20-Feb. 2, 1914).....	do.....	58.45	Do.
Do.....	do.....	Muskogee, Okla. (Feb. 3-4, 1914).....	do.....	38.20	Do.
Do.....	do.....	Dallas, Pecos, and Odessa, Tex. (Feb. 26-Mar. 29, 1914).....	do.....	74.65	Do.
Do.....	do.....	Bunkle and Cottonport, La. (Mar. 30-Apr. 7, 1914).....	do.....	49.91	Do.
Do.....	do.....	Winston-Salem, N. C. (Apr. 8-28, 1914).....	do.....	123.27	Do.
Do.....	do.....	Petersburg, Tasley, and Richmond, Va. (May 15-June 15, 1914).....	do.....	133.48	Do.
Do.....	do.....	Winston-Salem, N. C. (June 25-28, 1914).....	do.....	55.35	Do.
Do.....	do.....	Rectortown, Charlottesville, Crozet, and Millers School, Va. (July 6-17, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	58.20	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Chevy Chase and Rockville, Md. (July 22, 1913).....	do.....	.40	Do.
Do.....	do.....	Middlesburg, Leesburg, and Bluemont, Va. (Aug. 6-17, 1913).....	do.....	13.95	Do.
Do.....	do.....	Durham and Whitaker, N. C. (Sept. 1-5, 1913).....	do.....	31.83	Do.
Do.....	do.....	Albemarle, N. C. (Sept. 25-30, 1913).....	do.....	30.50	Do.
Do.....	do.....	Ashland and Richmond, Va. (Oct. 17, 1913).....	do.....	11.35	Do.
Do.....	do.....	Baltimore, Md. (Oct. 31, 1913).....	do.....	3.10	Do.
Do.....	do.....	Roanoke and Lynchburg, Va. (Dec. 18-21, 1913).....	do.....	37.83	Do.
Do.....	do.....	Alexandria, Va. (Feb. 4, 1914).....	do.....	.30	Do.
Do.....	do.....	Morantown, W. Va. (Feb. 13-14, 1914).....	do.....	28.94	Do.
Do.....	do.....	Thrifton and Bluemont, Va. (Apr. 17-18, 1914).....	do.....	6.00	Do.

Marshall, George D.

Moorefield, Charles H.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Moorefield, Charles H.	Highway engineer....	Columbus, Ohio (Apr. 27-30, 1914).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	\$30.55	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Columbus and Zanesville, Ohio (May 1-9, 1914).....	do.....	53.30	Do.
Do.....	do.....	Zanesville, Ohio (May 15-21, and May 23-31, 1914).....	do.....	90.30	Do.
Do.....	do.....	Chicago, Ill. (May 22, 1914).....	do.....	27.15	Do.
Do.....	do.....	Zanesville, Ohio (June 1-14 and June 16-30, 1914).....	do.....	78.65	Do.
Do.....	do.....	Pittsburgh, Pa. (June 15, 1914).....	do.....	19.65	Do.
Nash, James P.	Laboratory apprentice	Chevy Chase, Md. (July 1-7, 1913).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	2.50	General expenses, Office of Public Roads, 1914 (road material).
Do.....	do.....	Rockville, Md. (July 8-15, 1913).....	To participate in an investigation looking to the standardization of tests of nonbituminous road materials.	16.50	Do.
Do.....	do.....	Chevy Chase, Md. (Aug. 13, 1913).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	.50	Do.
Do.....	do.....	Bennington, Vt. (Aug. 24-Sept. 29, 1913)...	To make an investigation of certain nonbituminous road materials.	94.04	Do.
Do.....	do.....	Rockville, Md. (Oct. 6-14, 1913).....	To participate in an investigation looking to the standardization of tests of nonbituminous road materials.	5.70	Do.
Do.....	do.....	Chevy Chase, Md. (Oct. 27 and Nov. 6 and 8, 1913).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	1.25	Do.
Do.....	do.....	Accotink, Va. (Nov. 26-Dec. 6, 1913).....	To make an investigation of certain nonbituminous road materials.	23.10	Do.
Do.....	do.....	Chevy Chase, Md. (Mar. 13, 16, 17, and 23, 1914).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	12.10	Do.
Do.....	do.....	Rockville, Md. (trips of less than one day between Apr. 14 and June 11, 1914).....	To participate in an investigation looking to the standardization of tests of nonbituminous road materials.	2.65	Do.
Page, Logan W.	Director.....	Philadelphia, Pa.; New York, N. Y. (Jan. 20-23, 1914).....	To confer with highway officials upon matters relating to the work of the Office of Public Roads.	29.70	General expenses, Office of Public Roads, 1914 (administrative expenses).
Do.....	do.....	New York, N. Y. (Feb. 5-7, 1914).....	do.....	22.70	Do.
Do.....	do.....	Atlantic City, N. J. (June 29-30, 1914).....	do.....	18.90	Do.

Pauls, Jarl T.....	Civil engineer student.	St. Johns, Ariz. (July 1-Sept. 17, 1913).....	To receive instruction in highway engineering and to assist highway engineers of the office in road construction.	48. 00	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Weaverville, Cal. (Sept. 18, 1913-Mar. 8, 1914).....	do.....	370. 17	Do.
Do.....	do.....	Zanesville, Ohio (May 6-June 30, 1914).....	To receive instruction in highway engineering and to assist highway engineers of the office in investigating the physical properties of road material.	121. 90	General expenses, Office of Public Roads, 1914 (road material).
Petree, Vernon M.....	Chief engineer.....	Richmond, Va. (Oct. 22, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	8. 80	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance.)
Do.....	do.....	Portland, Me.; Boston, Mass. (Oct. 23-25, 1913).....	do.....	63. 95	Do.
Pennybacker, J. E.....	Assistant in road management.	Columbia, S. C. (Jan. 28-30, 1914).....	To deliver lectures on road management and to demonstrate models of road and bridge construction.	38. 25	General expenses, Office of Public Roads, 1914 (road management).
Do.....	do.....	Atlanta, Ga. (Apr. 15-18, 1914).....	do.....	72. 45	Do.
Do.....	do.....	Hartford, Conn. (May 13-14, 1914).....	To make an economic study of highway systems, and give advice to local road officials on road management.	39. 95	Do.
Do.....	Chief of Division of Road Economics.	Richmond, Va. (May 16-18, 1914).....	To conduct research investigations relative to road management and to gather general statistical data on this subject.	23. 70	Do.
Do.....	do.....	Richmond, Va. (May 28-29, 1914).....	do.....	16. 85	Do.
Powell, Orman N.....	Highway engineer.....	Blumont, Va. (May 9-13, 1914).....	To make an economic study of highway systems, and give advice to local road officials on road management.	6. 90	Do.
Do.....	do.....	Albuquerque, N. Mex. (May 15-June 30, 1914).....	do.....	80. 20	Do.
Reeve, Charles S.....	Chemist.....	Chevy Chase, Md. (trips of less than one day between July 3, 1913, and June 29, 1914).....	To supervise experimental bituminous road construction and maintenance in connection with a chemical investigation of road materials.	8. 40	General expenses, Office of Public Roads, 1914 (road material).
Do.....	do.....	Providence, R. I.; Ithaca, N. Y.; Philadelphia, Pa. (Aug. 4-9, 1913).....	do.....	67. 43	Do.
Do.....	do.....	Bethany Beach, Del. (Aug. 16-17, 1913).....	do.....	24. 80	Do.
Do.....	do.....	Providence, R. I. (Sept. 15-19, 1913).....	do.....	35. 40	Do.
Do.....	do.....	Warrenton, Va. (Oct. 9, 1913).....	To participate in an investigation looking to the standardization of methods of testing bituminous road materials.	2. 55	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 10-12, 1913).....	To supervise experimental bituminous road construction and maintenance in connection with a chemical investigation of road materials.	24. 10	Do.
Do.....	do.....	Richmond, Va. (Mar. 9, 1914).....	do.....	9. 00	Do.
Do.....	do.....	Durham, N. C. (Mar. 17-19, 1914).....	do.....	34. 60	Do.
Do.....	do.....	West Palm Beach, Miami, Fort Myers, Tavares, Fla. (Apr. 8-26, 1914).....	do.....	173. 55	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Reeve, Charles S.	Chemist.	Charlottesville, Va. (May 8, 1914).	To supervise experimental bituminous road construction and maintenance in connection with a chemical investigation of road materials.	\$3. 00	General expenses, Office of Public Roads, 1914 (road material).
Do.	do.	Annapolis, Md. (May 18, 1914).	do.	1. 50	Do.
Do.	do.	Augusta, Me. (May 27-30, 1914).	do.	57. 55	Do.
Do.	do.	Bayonne, N. J. (June 19-20, 1914).	do.	23. 40	Do.
Rhodes, William H., jr.	Highway engineer.	Alta Vista, Md. (July 1-20, 1913).	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	31. 20	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Rockville, Md. (July 21-Oct. 8, 1913).	do.	188. 95	Do.
Do.	do.	Richmond and Fredericksburg, Va. (Oct. 9-19, 1913).	To superintend the maintenance of county roads in connection with giving advice on the best methods of road maintenance.	42. 85	Do.
Do.	do.	Rockville, Md. (Oct. 21, 1913-Feb. 11, 1914).	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	27. 89	Do.
Do.	do.	Old Fort, N. C. (Feb. 13-June 30, 1914).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	122. 00	Do.
Rosengarten, Walter E.	do.	Ames, Iowa (July 1-2, 1913).	To make an economic study of highway systems, and give advice to local road officials on road management.	6. 01	General expenses, Office of Public Roads, 1914 (road management).
Do.	do.	Greenwood, Miss. (July 3-10, 1913).	do.	75. 77	Do.
Do.	do.	Portland, Me. (July 20-31, 1913).	do.	54. 05	Do.
Do.	do.	Green Valley, Va. (Aug. 9, 14, 18, 21, and 26, 1913).	do.	4. 10	Do.
Do.	do.	Chevy Chase, Md. (Aug. 8, 10, 11, and 12, 1913).	do.	1. 10	Do.
Do.	do.	Staunton, Va. (Sept. 15-25, 1913).	To conduct studies of road maintenance on experimental roads in connection with gathering information relative to road management.	38. 15	Do.
Do.	do.	Rockville, Md. (Oct. 8-11 and 28, 1913).	To make an economic study of highway systems, and give advice to local road officials on road management.	11. 50	Do.
Do.	do.	Green Valley, Va. (Oct. 16 and Nov. 10-12, 1913).	To conduct studies of road maintenance on experimental roads in connection with gathering information relative to road management.	1. 15	Do.
Do.	do.	Chevy Chase, Md. (Nov. 13-17, 1913).	do.	1. 80	Do.

Do.....	do.....	Zanesville, Ohio (Nov. 22-Dec. 4, 1913).....	To make an economic study of highway systems, and give advice to local road officials on road management.	73.90	Do.
Do.....	do.....	Philadelphia, Pa. (Dec. 5-14, 1913).....	To deliver lectures on road management and to demonstrate models of road and bridge construction.	45.73	Do.
Do.....	do.....	Chevy Chase, Md. (Jan. 5, 16, 23, 26, and 29, 1914).	To conduct research investigations relative to road management and to gather general statistical data on this subject.	.90	Do.
Do.....	do.....	Petersburg, Va. (Feb. 9-14, 1914).....	To make an economic study of highway systems and give advice to local road officials on road management.	25.50	Do.
Do.....	do.....	Old Fort, N. C. (Feb. 15-20, 1914).....	do.....	27.35	Do.
Do.....	do.....	Knoxville, Tenn. (Feb. 21-Mar. 2, 1914).....	do.....	59.75	Do.
Do.....	do.....	Mount Sterling, Ky. (Mar. 3-5, 1914).....	do.....	38.22	Do.
Do.....	do.....	Alexandria, Va. (Apr. 2-4, 1914).....	do.....	6.75	Do.
Do.....	do.....	Florence, Ala. (Apr. 15-19, 1914).....	do.....	21.20	Do.
Do.....	do.....	Ames and Dubuque, Iowa (Apr. 20-May 3, 1914).	do.....	106.19	Do.
Do.....	do.....	Black Mountain, N. C. (May 18-June 30, 1914).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	129.65	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Scales, George C.....	Senior highway engineer.	Various points on Washington-Atlanta Highway between Pinehurst, N. C., and Atlanta, Ga. (Mar. 20-31, 1914).	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road maintenance.	62.93	Do.
Do.....	do.....	Atlanta, Augusta, and other points in Georgia (Apr. 1-June 30, 1914).	To conduct tests of the physical properties of road building materials.	424.08	Do.
Smith, Earl B.....	Associate mechanical engineer.	Philadelphia, Pa. (Feb. 24-25, 1914).....	To conduct investigations of concrete in connection with an investigation of the physical properties of road materials.	9.15	General expenses, Office of Public Roads, 1914 (road material).
Do.....	do.....	Arlington, Va. (trips of less than one day between Apr. 6 and June 30, 1914).	do.....	8.35	Do.
Do.....	do.....	Alexandria, Va. (May 8-9, 1914).	do.....	3.05	Do.
Do.....	do.....	Chevy Chase, Md. (May 26, 1914).	do.....	1.20	Do.
Do.....	do.....	Philadelphia, Pa. (June 25-30, 1914).	do.....	27.30	Do.
Spoon, W. L.....	Senior highway engineer.	Hallwood, Va. (July 1-25, 1913).....	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road maintenance.	101.78	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.....	do.....	Greensboro, N. C. (July 25-31, 1913).	do.....	16.80	Do.
Do.....	do.....	Goldsboro, N. C. (Aug. 1, 1913).	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	3.90	Do.
Do.....	do.....	Norfolk, Va. (Aug. 2-31, 1913).	do.....	111.42	Do.
Do.....	do.....	Tarboro, N. C. (Sept. 1-30, 1913).	To inspect various types of road construction and to give advice to county officials concerning the best methods of road maintenance.	198.00	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Spoon, W. L.	Senior highway engineer.	Jackson, N. C. (Oct. 1-31, 1913)	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	\$50.04	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance). Do.
Do.	do.	Greensboro, N. C. (Nov. 1-6, 1913)	To make inspections of various types of road construction and to give advice to county officials concerning the best methods of road maintenance.	1.85	Do.
Do.	do.	Milton, Fla. (Nov. 7-12, 1913)	do.	40.56	Do.
Do.	do.	Suffolk, Va. (Nov. 13-24, 1913)	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	50.65	Do.
Do.	do.	Vineyard Haven, Mass. (Nov. 25-29 and Dec. 1-6, 1913)	do.	74.77	Do.
Do.	do.	Greensboro, N. C. (Dec. 7-14, 1913)	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road maintenance.	9.80	Do.
Do.	do.	Sunbury, N. C. (Dec. 15-31, 1913)	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	20.50	Do.
Do.	do.	McBee, S. C. (Jan. 5-24, 1914)	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road maintenance.	66.15	Do.
Do.	do.	Rocky Mount, N. C. (Jan. 25-26, 1914)	do.	11.30	Do.
Do.	do.	McBee, S. C. (Jan. 27-31, and Feb. 1-7, 1914)	do.	56.45	Do.
Do.	do.	Burlington, N. C. (Feb. 8-11, 1914)	do.	39.35	Do.
Do.	do.	Old Fort, N. C. (Feb. 12-28, 1914)	do.	67.05	Do.
Do.	do.	Old Fort, N. C. (Mar. 1-15, 1914)	To make surveys of roads preparatory to road construction.	64.00	Do.
Do.	do.	Various points on Washington-Atlanta Highway between Richmond, Va., and Atlanta, Ga. (Mar. 16-27, 1914)	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road maintenance.	68.10	Do.
Do.	do.	Thomasville, N. C. (Mar. 30, 1914)	do.	9.40	Do.
Do.	do.	Thomasville, N. C. (Apr. 1-10, 1914)	To make surveys of roads preparatory to road construction.	43.50	Do.
Do.	do.	Durham and other points in North Carolina (Apr. 12-21, 1914)	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road maintenance.	49.20	Do.
Do.	do.	McBee and other points in South Carolina (Apr. 22-25, 1914)	do.	25.60	Do.

Do.	do.	Durham and other points in North Carolina (Apr. 26-30, 1914).	do.	9.95	Do.
Do.	do.	Various points in North Carolina and South Carolina (May 1-June 30, 1914).	do.	214.73	Do.
Stone, Willard W.	do.	Various points in Virginia (July 17-20, 1913).	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	55.14	Do.
Do.	do.	Various points in Maryland (July 28-Aug. 2, 1913).	do.	5.00	Do.
Do.	do.	Recktown, Va. (Aug. 5-7, 1913).	do.	15.30	Do.
Do.	do.	Jackson, N. C. (Aug. 31-Nov. 5, 1913).	do.	128.40	Do.
Do.	do.	Robertsonville, N. C. (Nov. 6-15, 1913).	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road building and maintenance.	50.85	Do.
Do.	do.	Accotink, Va. (Dec. 1-23, 1913).	To make surveys of roads preparatory to road construction.	179.28	Do.
Do.	do.	Alexandria, Va. (Jan. 29-Feb. 11, 1914).	do.	7.35	Do.
Stokes, Thomas E.	Assistant in road economics.	Old Fort, N. C. (Feb. 15-24, 1914).	To make an economic study of highway systems, and give advice to local road officials on road management.	33.40	General expenses, Office of Public Roads, 1914 (road management).
Taylor, S. LeRoy	Civil engineer student.	Rockville, Md. (July 7-15, 1913).	To receive instruction in highway engineering and to assist highway engineers of the office in road construction.	18.50	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Florence, Ala. (Sept. 10, 1913-Mar. 31, 1914).	do.	97.50	Do.
Do.	do.	Florence, Ala. (Apr. 1-June 30, 1914).	To receive instruction in highway engineering and to assist highway engineers of the office in investigating the physical properties of road materials.	10.50	General expenses, Office of Public Roads, 1914 (road material).
Tobin, James J.	Assistant in road economics.	Norton, Va. (May 1-8, 1914).	To make an economic study of highway systems, and give advice to local road officials on road management.	61.40	General expenses, Office of Public Roads, 1914 (road management).
Do.	do.	Knoxville, Tenn. (May 9-10, 1914).	do.	16.90	Do.
Do.	do.	Aiken, S. C. (June 23-28, 1914).	do.	63.05	Do.
Do.	do.	Winston-Salem, N. C. (June 29-30, 1914).	do.	13.90	Do.
Voshell, James T.	Senior highway engineer.	Louisville, Ky. (July 1-3, 1913).	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road building and maintenance.	26.75	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Bowling Green, Ky. (July 4-8, 1913).	do.	29.35	Do.
Do.	do.	Columbus, Ohio (July 9, 1913).	do.	34.07	Do.
Do.	do.	Providence, R. I. (July 29-Aug. 8, 1913).	do.	37.50	Do.
Do.	do.	Columbus, Ohio (Aug. 27-Oct. 1, 1913).	do.	195.22	Do.
Do.	do.	Knoxville, Tenn. (Oct. 5-8, 1913).	do.	39.79	Do.
Do.	do.	Cartersville, Ga. (Oct. 9-10, 1913).	do.	11.41	Do.
Do.	do.	Columbus, Ohio (Oct. 11-20, 1913).	To make surveys of roads preparatory to road construction.	21.60	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Voshell, James T.....	Senior highway engineer.	Springfield, Ill. (Oct. 21-30, 1913).....	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road building and maintenance.	\$58.29	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance). Do.
Do.....	do.....	Columbus, Ohio (Oct. 31-Nov. 17, Nov. 22, 1913-Jan. 4, 1914).....	do.....	57.75	Do.
Do.....	do.....	Bowling Green, Ky. (Jan. 5-6, 1914).....	do.....	31.02	Do.
Do.....	do.....	Louisville, Ky. (Jan. 18-20, 1914).....	do.....	44.37	Do.
Do.....	do.....	Columbus, Ohio (Jan. 21, 1913).....	To make surveys of roads preparatory to road construction.	23.75	Do.
Do.....	do.....	Chicago, Ill. (Feb. 11-14, 1914).....	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road building and maintenance.	52.32	Do.
Do.....	do.....	Columbus, Ohio (Feb. 15-Mar. 7, 1914).....	do.....	34.60	Do.
Do.....	do.....	Farmville, Va. (Mar. 28, 1914).....	do.....	18.43	Do.
Do.....	do.....	Columbus, Ohio (Apr. 14-15, 1914).....	do.....	33.05	Do.
Do.....	do.....	Dubuque, Iowa (Apr. 16-17, 1914).....	do.....	62.15	Do.
Weir, William J. R.....	Highway engineer.	Miami, Fla. (July 1-3, 1913).....	do.....	53	Do.
Do.....	do.....	Talbotton, Ga. (July 4-29, 1913).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	66.30	Do.
Do.....	do.....	Tryon, N. C. (July 30-Aug. 30, 1913).....	To make surveys of roads preparatory to road construction.	83.93	Do.
Do.....	do.....	Pollicksville, N. C. (Aug. 31-Sept. 4, 1913).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	26.63	Do.
Do.....	do.....	Trenton, N. C. (Sept. 5-Oct. 5, 1913).....	do.....	95.56	Do.
Do.....	do.....	Georgetown, Del. (Oct. 12-31, 1913).....	To superintend the maintenance of county roads in connection with giving advice on the best methods of road maintenance.	9.32	Do.
Do.....	do.....	Georgetown, Del. (Nov. 1-16, 1913).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	8.71	Do.
Do.....	do.....	Montrose, Md. (Nov. 24, 1913).....	To inspect various types of road construction, and to give advice to county officials concerning the best methods of road building and maintenance.	.80	Do.

Do.....	do.....	Eustis, Fla. (Nov. 26-30, 1913)	do.....	46.35	Do.
Do.....	do.....	Miami, Fla. (Dec. 1-31, 1913)	do.....	90.30	Do.
Do.....	do.....	Miami and other points in Florida (Jan. 1-Feb. 28, 1914).	To supervise the construction of an object-les- son road and demonstrate the best methods of road building.	233.23	Do.
Do.....	do.....	West Palm Beach, Fla. (Mar. 1-31, 1914)	do.....	102.75	Do.
Do.....	do.....	Various points in Florida (Apr. 1-30, 1914).	do.....	109.75	Do.
Do.....	do.....	Fort Myers, Fla. (May 1-31, 1914)	do.....	114.40	Do.
Do.....	do.....	Allendale, S. C. (June 1-7, 1914)	To inspect various types of road construction and to give advice to county officials con- cerning the best methods of road building and maintenance.	56.65	Do.
Do.....	do.....	Aiken, S. C. (June 11-30, 1914)	To supervise the construction of an object-les- son road and demonstrate the best methods of road building.	83.20	Do.
Whittaker, John A.....	Senior highway engi- neer.	Cartersville, Ga. (July 18-Aug. 19, 1913)	To inspect various types of road construction and to give advice to county officials con- cerning the best methods of road building and maintenance.	159.75	Do.
Do.....	do.....	Wallace, N. C. (Aug. 20-31, 1913)	To supervise the construction of an object-les- son road and demonstrate the best methods of road building.	63.85	Do.
Do.....	do.....	Wallace, N. C. (Sept. 1-30, 1913)	To inspect various types of road construction and to give advice to county officials con- cerning the best methods of road building and maintenance.	80.00	Do.
Do.....	do.....	Cartersville, Ga. (Oct. 5-16, 1913)	To supervise the construction of an object-les- son road and demonstrate the best methods of road building.	70.83	Do.
Do.....	do.....	Sunbury, N. C. (Oct. 17-31, 1913)	do.....	80.70	Do.
Do.....	do.....	Sunbury, N. C. (Nov. 1-14, 1913)	To inspect various types of road construction and to give advice to county officials con- cerning the best methods of road building and maintenance.	56.00	Do.
Do.....	do.....	St. Johns, Ariz. (Nov. 15-30, 1913)	To supervise the construction of an object-les- son road and demonstrate the best methods of road building.	235.05	Do.
Do.....	do.....	Clarksville, Tenn. (Jan. 12-Apr. 8, Apr. 22- May 31, 1914).	To inspect various types of road construction and to give advice to county officials con- cerning the best methods of road building and maintenance.	294.38	Do.
Do.....	do.....	New Albany, Miss. (June 12-13, 1914)	do.....	14.16	Do.
Do.....	do.....	Clarksville, Tenn. (June 14-30, 1914)	do.....	13.56	Do.
Wilson, Philip St. J.....	Assistant director.	Pinehurst, N. C. (Mar. 16-21, 1914)	To confer with highway officials upon matters relating to the work of the Office of Public Roads.	45.75	General expenses, Office of Public Roads, 1914 (ad- ministrative expenses).
Do.....	do.....	Alexandria, Va. (Apr. 14, 1914)	do.....	80	Do.
Do.....	do.....	Keswick, Va. (Apr. 24-25, 1914)	do.....	6.50	Do.
Do.....	do.....	Hanover, Caroline, and Spotsylvania Counties, Va. (June 8-9, 1914).	do.....	6.35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Wineas, Lawrence L.	Junior highway engineer.	Rockville, Md. (July 1-Oct. 3, 1913)	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	\$112.07	General expenses, Office of Public Roads, 1914 (investigating road building and maintenance).
Do.	do.	Sunbury, N. C. (Nov. 11-Dec. 31, 1913)	do.	81.91	Do.
Do.	do.	McBee, S. C. (Jan. 15-Mar. 27, 1914)	do.	103.97	Do.
Do.	do.	Dubuque, Iowa (Mar. 31-June 30, 1914)	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	121.41	Do.
Winslow, David H.	Superintendent of road construction.	Bennington, Vt. (July 1-Dec. 12, 1913)	do.	124.04	Do.
Do.	do.	Frankfort, Ky. (Feb. 4-6, 1914)	do.	53.55	Do.
Do.	do.	Reading, Pa. (Mar. 7-8, 1914)	do.	17.44	Do.
Do.	do.	Richmond and other points in Virginia (Mar. 17-18, 1914)	do.	10.70	Do.
Do.	do.	Concord, N. H. (Mar. 19-22, 1914)	do.	53.05	Do.
Do.	do.	Richmond, Va. (Mar. 23-25, 1914)	do.	15.10	Do.
Do.	do.	Indiana and other points in Pennsylvania (Mar. 31-Apr. 4, 1914)	do.	44.98	Do.
Do.	do.	Reading, Pa. (Apr. 5-12, 1914)	do.	37.94	Do.
Do.	do.	Columbia, S. C. (Apr. 14-16, 1914)	do.	41.60	Do.
Do.	do.	Alexandria, Va. (Apr. 17-21, 1914)	do.	1.30	Do.
Do.	do.	Savannah, Ga. (Apr. 22-25, 1914)	do.	42.95	Do.
Do.	do.	Richmond and Cape Charles, Va. (Apr. 28-May 3, 1914)	do.	37.98	Do.
Do.	do.	Durham, N. C. (May 4-5, 1914)	do.	17.40	Do.
Do.	do.	Petersburg, Va. (May 6-8, 1914)	do.	11.40	Do.
Do.	do.	Various points in Virginia (May 11-June 30, 1914)	do.	159.10	Do.
Wonders, James C.	Senior highway engineer.	Franklin and Sylva, N. C. (July 1-30, 1913)	do.	141.75	Do.
Do.	do.	Bellefontaine, Ohio (Aug. 1-21, 1913)	do.	16.50	Do.
Do.	do.	Mankato, Minn. (Aug. 22-31, 1913)	do.	158.16	Do.
Do.	do.	Dubuque, Iowa (Sept. 1-30, 1913)	do.	67.76	Do.
Do.	do.	St. Paul, Minn. (Oct. 1-31, 1913)	do.	146.70	Do.
Do.	do.	Lampkin, Ga. (Nov. 7-19, 1913)	do.	77.83	Do.
Do.	do.	Morgantown, W. Va. (Nov. 1-3, 1913)	do.	30.49	Do.

Do.....	Do.....	Neesho, Mo. (Nov. 20-30, 1913).....	To supervise the construction of an object-lesson road and demonstrate the best methods of road building.	155.85	Do.
Do.....	Do.....	Covington, Ky. (Jan. 1-23, 1914).....	To inspect various types of road construction and to give advice to county officials concerning the best methods of road building and maintenance.	33.85	Do.
Do.....	Do.....	Sayre, Okla. (Jan. 24-Feb. 20, 1914).....	do.....	136.05	Do.
Do.....	Do.....	Mountainburg, Ark. (Feb. 21-Mar. 11, 1914).....	do.....	90.54	Do.
Do.....	Do.....	McKinney, Tex. (Mar. 12-Apr. 16, 1914).....	do.....	14.09	Do.
Do.....	Do.....	Brackettville, Tex. (Apr. 17-May 11, 1914).....	do.....	119.75	Do.
Do.....	Do.....	Austin, Tex. (May 12-21, 1914).....	do.....	43.95	Do.
Do.....	Do.....	Charleston, W. Va. (May 22-June 30, 1914).....	do.....	93.82	Do.
OFFICE OF MARKETS.					
Bassett, Charles E.....	Specialist in cooperative organization.	Richmond, Va. (Jan. 20-22, 1914).....	To deliver an address on the subject of marketing farm products before the State Farmers' Institute.	\$18.00	Marketing and distributing farm products, 1914.
Do.....	do.....	Kalamazoo, Mich. (Feb. 25-Mar. 4, 1914).....	To attend a conference of cooperative associations of grape growers of Pennsylvania, New York, Ohio, Illinois, Iowa, and Michigan.	63.36	Do.
Do.....	do.....	Houlton and Presque Isle, Me. (Mar. 29-Apr. 2, 1914).....	To address conferences of potato growers on the subject of marketing potatoes and to advise relative to the organization of cooperative marketing associations.	73.20	Do.
Do.....	do.....	Louisville, Ky. (Apr. 5-10, 1914).....	To address a conference given by the Southern Education Board on the subject of cooperative marketing and buying.	47.30	Do.
Do.....	do.....	Owosso, Mich. (May 20-23, 1914).....	To attend a conference of growers and dealers in beans for the purpose of advising them in regard to organization.	14.00	Do.
Do.....	do.....	St. Joseph, Mo.; Severance, Kans.; Grand Island, Nebr.; Pocatello, Idaho; Salt Lake City, Utah; Grand Junction, Denver, Colo. (June 15-30, 1914).....	To confer with individual potato and fruit producers and cooperative marketing associations relative to organization and management of such associations.	175.48	Do.
Branch, C. V.....	Investigator in marketing perishable products.	New York, Albany, Rochester, N. Y.; Pittsburgh, Pa.; Cincinnati, Columbus, Toledo, Ohio; Chicago, Ill.; Jackson, Lansing, Detroit, Mich.; Cleveland, Ohio (July 1-Sept. 6, 1913).....	To investigate municipal market systems, visiting commission merchants to investigate methods of marketing perishable products.	209.49	Marketing and distributing farm products, 1913-14
Do.....	do.....	Philadelphia, Wilkes-Barre, Pa.; New York, N. Y.; Providence, R. I. (Sept. 28-Oct. 4, 1913).....	To consult with growers and individuals, organizations, and municipal market officials interested in a wider distribution of farm products.	66.42	Marketing and distributing farm products, 1914.
Do.....	do.....	Port Deposit, Md. (Oct. 22, 1913).....	To confer with producers regarding the preparation of farm products for market.	4.17	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Branch, C. V.	Investigator in marketing perishable products.	Philadelphia, Pa.; Trenton, N. J. (Dec. 29-31, 1913).	To study the possibilities of cooperation between agricultural producers in New Jersey, Pennsylvania, and Delaware and market commissioners in the municipalities of Philadelphia and Trenton.	\$23.50	Marketing and distributing farm products, 1914.
Do.	do.	Trenton, N. J. (Jan. 17, 1914).	To confer with producers and consumers relative to proposed city wholesale and retail markets.	9.20	Do.
Do.	do.	Philadelphia, Bedford, Pa. (Jan. 26-Feb. 1, 1914).	To confer with city officials, dealers, and producers regarding improvements in municipal and rural facilities for handling food products.	53.68	Do.
Do.	do.	Baltimore, Md. (Feb. 4-5, 1914).	To study markets and market systems in Baltimore, and to attend the sessions of the National Canners' Association and meetings of the National Canned Goods and Dried Fruit Brokers' Association.	12.45	Do.
Do.	do.	Frankfort, Ky.; St. Louis, Mo. (Feb. 23-Mar. 4, 1914).	To investigate market methods and conditions in city markets and to confer with rural and civic organizations relative to possible improvement in various systems of handling and marketing farm products.	\$1.25	Do.
Do.	do.	Pittsburgh, Pa.; Cleveland, Ohio; Buffalo, N. Y. (May 24-June 3, 1914).	To investigate marketing methods and conditions of city markets.	87.83	Do.
Brand, Charles J.	Chief, Office of Markets.	Detroit, Mich. to Washington, D. C. (July 1-3, 1913).	To investigate methods of marketing.	26.30	Marketing and distributing farm products, 1913-14.
Do.	do.	Charleston, S. C., and return to Washington (Aug. 1-11, 1913).	To investigate cotton marketing in Charleston and nearby points.	59.83	Do.
Do.	do.	New York, N. Y.; Portland, Me. (Aug. 12-19, 1913).	To study "bumper" system on Long Island R. R. and to interview prospective appointees in New York and Portland.	75.96	Do.
Do.	do.	Versailles, Lexington, Ky.; Cincinnati, Ohio (Aug. 19-22, 1913).	To deliver address on cooperative marketing at Versailles, Ky.; and to investigate marketing of perishable products in Cincinnati.	60.05	Do.
Do.	do.	Chicago, Ill. (Sept. 21-25, 1913).	To attend sessions of National Refrigeration Congress.	73.25	Do.
Do.	do.	Chicago, Ill.; Oklahoma, Okla.; Pueblo, Grand Junction, Colo. (Oct. 26-Nov. 3, 1913).	To confer with producers, shippers, dealers, etc., in dairy products relative to preparation, transportation, storage, and marketing of dairy products.	201.75	Do.

Do.	do.	Minnesota, Minn. (Dec. 26, 1913-Jan. 1, 1914).	To confer with officers of the Minnesota Agricultural College regarding the work of the Office of Markets and to interview prospective appointees of the Office of Markets.	105.85	Do.
Do.	do.	Philadelphia, Pa. (Jan. 6, 1914).	To consult a conference of agricultural and trade bodies and bankers concerning the establishment of farming and marketing bureaus.	13.85	Do.
Do.	do.	Jacksonville, Fla. (Jan. 14-17, 1914).	To address the annual meeting of the National League of Commission Merchants and to confer with their officers concerning marketing perishable products.	66.55	Do.
Do.	do.	Philadelphia, Pa.; Boston, Mass. (Jan. 20-23, 1914).	To attend a meeting of Philadelphia Produce Exchange and to confer with treasurer of New England Cotton Mills as to condition of long-staple cotton market in Boston.	42.55	Do.
Do.	do.	Philadelphia, Pa. (Feb. 11, 1914).	To attend and address a meeting of the division freight agents of the Pennsylvania R. R. Co.	9.15	Do.
Do.	do.	Boston, Mass. (Mar. 5-8, 1914).	To deliver an address at the seventh annual convention of the New England Federation for Rural Progress on Marketing.	45.10	Do.
Do.	do.	Chicago, Ill.; Denver, Colo. (Apr. 5-15, 1914).	To attend an irrigation conference at Denver, Colo., and the Second National Conference for Marketing Farm Credits at Chicago, Ill.	102.35	Do.
Do.	do.	Boston, Mass. (June 30, 1914).	To attend conference on the marketing of milk.	16.65	General expenses, B. A. I. 1914 (animal husbandry). Marketing and distributing farm products, 1914.
Davis, Clyde L.	Field agent.	Chattanooga, Tenn.; Asheville, N. C.; Corinth, Miss. (Nov. 26-Dec. 6, 1913).	To deliver lectures on "Poultry and live stock" before the farmers' meetings.	69.95	
Flohr, Lewis B.	Scientific assistant.	Beltsville, Md., and rural sections covered by rural routes 1, 2, 5, and 6 from Washington (Oct. 6-31, 1914).	To investigate the utility of the parcel post for transporting farm produce and miscellaneous food supplies from producer to consumer.	49.64	
Do.	do.	Baltimore, Md.; Nokesville, Va. (Jan. 5-10, 1914).	do.	4.85	Do.
Do.	do.	New York, N. Y. (Jan. 12-13, 1914).	To visit factories manufacturing various containers for shipping farm products by parcel post and to study systems of marketing in New York City, direct from producer to consumer.	19.55	Do.
Do.	do.	Louisville, Ky. (Apr. 5-11, 1914).	To attend a conference given by the Southern Education Board and to demonstrate and give an address upon the utility of the parcel post in the marketing of farm products.	50.95	Do.
Do.	do.	Lancaster, Narvon, Pa. (May 12-14, 1914).	To investigate the possibilities of the use of the parcel post in the marketing of farm products direct to consumer.	11.56	Do.
Do.	do.	Atlanta, Ga. (May 16-20, 1914).	To continue investigation of the possibilities of shipping farm produce by parcel post.	57.75	Do.
Do.	do.	Morgantown, W. Va. (June 4-6, 1914).	To confer with poultrymen and with officials of the West Virginia Agricultural Experiment Station in regard to methods for marketing poultry and eggs.	24.69	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Flohr, Lewis B	Scientific assistant....	Sayre, Pa. (June 25-27, 1914).....	To investigate the facilities and methods for handling perishable farm products by parcel post by personal observation in mail cars.	\$21.26	Marketing and distributing farm products, 1914.
Griffith, David C.....	Assistant in cotton marketing.	Baltimore, Md. (Oct. 8, 1913).....	To examine and study various types of cotton ginning, baling, and compressing machinery.	2.20	Do.
Do.....	do.....	Atlanta, Ga.; Montgomery, Birmingham, Ala.; Memphis, Tenn.; Vicksburg, Miss.; Little Rock, Scott, Noxie, Ark.; Claremore, Oklahoma City, Okla.; Fort Worth, Dallas, Tex. (Oct. 9, 1913-Feb. 26, 1914).	To investigate various types of compresses and methods of handling, marketing, and grading cotton and to confer with cotton buyers and graders.	723.67	Do.
Hall, Louis D.....	Market specialist (live stock and meats).	Boston, Mass.; New York, N. Y.; Jersey City, N. J.; Philadelphia, Pa.; Baltimore, Md. (May 24-29, 1914).	To investigate the facilities and methods used in handling live stock in the markets at the points visited.	50.88	Do.
Do.....	do.....	Champaign, Chicago, Ill.; Madison, Wis.; South Haven, Mich. (June 8-30, 1914).	To investigate facilities for handling and marketing live stock cooperatively, and marketing methods of cooperative live stock and shipping and packing associations.	61.64	Do.
Kerr, W. H.....	Assistant in cooperative organization accounting.	Philadelphia, Pa.; Hammononton, Freehold, N. J.; New York, Riverhead, N. Y. (Dec. 8-17, 1913).	To study methods of accounting and forms used by farmers' and producers' cooperative organizations and selling agencies, and consumers' cooperative organizations.	68.88	Do.
Do.....	do.....	Staunton, Gordonsville, Charlottesville, Richmond, Norfolk, Va. (Jan. 13-21, 1914).	To investigate systems of accounting and methods and plans of cooperative marketing and purchasing associations, and of organization of farmers' unions.	49.50	Do.
Do.....	do.....	Chicago, Ill.; Minneapolis, Minn.; Fargo, Jamestown, N. Dak. (Feb. 23-Mar. 10, 1914).	To study and investigate the accounting and auditing systems of various cooperative creamery associations and cooperative grain elevator associations, and to address the annual meeting of the Grain Dealers' Association of North Dakota.	157.03	Do.
Do.....	do.....	New York, N. Y.; Willimantic, Newtown, Conn. (Mar. 18-21, 1914).	To study the accounting forms and business methods used by cooperative dairy associations and to investigate the cost of distribution of milk.	35.50	Do.
Do.....	do.....	Old Point Comfort, Onley, Va.; New York, N. Y. (May 27-June 1, 1914).	To investigate the methods of financing and operating cooperative marketing organizations.	41.11	Do.

Do.....	do.....	Tampa, Fla.: Atlanta, Ga. (June 1-8, 1914).	To investigate matters relative to financing and operating cooperative agricultural marketing associations.	109.35	Do.
Do.....	do.....	Chicago, Ill.; Denver, Grand Junction, Colo.; Los Angeles, Cal.; Portland, Oreg.; Spokane, Wash. (June 12-30, 1914).	To visit farmers' cooperative marketing organizations, interviewing officials of these associations as to methods used in financing their operations; also interviewing bankers and others regarding credits and loans to such associations.	225.55	Do.
Martin, Jos. G.....	Assistant in cotton marketing.	New York, N. Y.; Boston, Fall River, Mass. (Oct. 11-13, 1913).	To study the conditions and demands of the market for Egyptian cotton.	61.35	Do.
Do.....	do.....	Little Rock, Ark.; Oklahoma City, Okla.; Sacaton, Phoenix, Mesa, Maricopa, Yuma, Ariz.; El Centro, Cal.; New Orleans, La. (Oct. 20, 1913-Mar. 11, 1914).	To investigate the conditions and methods of sampling, grading, ginning, classing, and marketing of cotton and to confer with growers and buyers regarding grades and prices of cotton; also with gin men regarding methods of ginning.	655.17	Do.
Moomaw, C. W.....	Specialist in cooperative organization.	New Orleans, La.; Fort Smith, Ark.; Houston, San Antonio, Laredo, Austin, Dallas, Tex.; Neosho and Springfield, Mo.; Memphis, Humboldt, Tenn.; Bowling Green, Ky. (June 1-29, 1914); Norfolk, Va.; Wilmington, N. C. (Jan. 23-29, 1914).	To investigate primary markets for farm products and marketing conditions in sections producing truck, berry, and fruit crops, and to consult with producing and shipping associations.	256.97	Do.
More, C. T.....	Investigator in marketing perishable products.	Baltimore, Md. (Feb. 4-6, 1914).....	To investigate truck-marketing conditions and municipal outlets for the truck crops produced in these regions.	49.15	Do.
Do.....	do.....	Baltimore, Md. (Mar. 23-24, 1914).....	To study the methods of handling fruit and perishable farm products on the receiving docks and freight stations in Baltimore, to attend sessions of National Canners' Association, and meetings of National Canned Foods and Dried Fruits Brokers' Association.	17.30	Do.
Do.....	do.....	Wilmington, Bridgeville, Shelbyville, Laurel, Del.; Philadelphia, Pa.; Hammononton, Atlantic City, N. J.; New York, N. Y. (June 7-19, 1914).	To attend meeting of subcommittee of the committee on agriculture of the Confederate Civic and Improvement Association of Baltimore County.	2.25	Do.
Nahstoll, G. A.....	Assistant in cooperative organization accounting.	Philadelphia, Pa.; Hammononton, Freehold, N. J.; New York, Riverhead, N. Y. (Dec. 8-17, 1913).	To investigate the methods of shipping, handling, distribution, and marketing of fruits.	83.95	Do.
Do.....	do.....	Staunton, Gordonsville, Charlottesville, Richmond, Norfolk, Va. (Jan. 13-21, 1914).	To study methods of accounting and forms used by farmers' and producers' cooperative organizations and selling agencies, and consumers' cooperative organizations.	68.48	Do.
Do.....	do.....	Dover, Del.; Pocomoke City, Md.; Onley, Va. (Feb. 17-21, 1914).	To investigate systems of accounting and methods and plans of organization of farmers' unions and cooperative marketing and purchasing associations.	49.30	Do.
Do.....	do.....		To study accounting systems and accounting forms in use by farmers' cooperative associations, also to investigate methods of organizing and operating such associations.	31.99	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

OFFICE OF MARKETS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Nabstoll, G. A.	Assistant in cooperative organization accounting.	Dover, Del.; Philadelphia, Pa.; Woodstown, N. J.; New York, N. Y. (May 15-25, 1914).	To arrange for the installation of systems of accounts in farmers' cooperative marketing organizations.	\$60.65	Marketing and distributing farm products, 1914.
Do.	do.	Dover, Del.; Riverhead, Milton, Buffalo, N. Y. (June 2-28, 1914).	To arrange for the installation of systems of accounts in farmers' cooperative marketing associations.	145.78	Do.
Sherman, W. A.	Assistant in market surveys.	Baltimore, Md.; Jersey City, N. J.; New York, N. Y.; Amherst, Mass. (Jan. 18-29, 1914).	To investigate markets and marketing conditions in the live-stock and meat industry, including poultry.	73.96	Do.
Do.	do.	New York, N. Y.; Amherst, Springfield, Lee, Pittsfield, Boston, Mass. (Apr. 5-13, 1914).	To investigate the market conditions pertaining to live poultry and dairy products.	66.28	Do.
Do.	do.	New Orleans, La.; Houston, Brownsville, Laredo, San Antonio, Waco, Tex.; Fort Smith, Ark.; El Reno, Okla.; Springfield, Mo.; Memphis, Tenn. (June 1-30, 1914).	To investigate primary markets for farm products, and marketing conditions in sections producing truck, berry, and fruit crops, and to consult with producing and shipping associations.	253.28	Do.
Treat, Roger Eddy.	Collaborator	Boston, Mass.; White River Junction, Hartford, Bellows Falls, Vt.; New York, N. Y. (Nov. 6-23, 1913).	To arrange for and direct the taking of motion pictures showing typical practices of cow feeding and herd improvement associations.	50.00	General expenses, B. A. I., 1914 (dairy industry).
Vye, J. A.	Specialist in marketing dairy products.	New York, N. Y.; Amherst, Pittsfield, Lee, Boston, Mass. (Apr. 5-14, 1914).	To investigate the market conditions pertaining to dairy products.	69.92	Marketing and distributing farm products, 1914.
Do.	do.	Mount Vernon, Hunter, Va. (May 15, 1914).	To investigate the methods of handling and distributing milk in the vicinity of Mount Vernon.	1.30	Do.
Do.	do.	Madison, Wis.; Chicago, Ill.; St. Paul, Minneapolis, Duluth, Minn.; Fargo, N. Dak.; and other local places near these cities (May 31-June 30, 1914).	To study the marketing of butter in the States named, with special reference to farmers' cooperative creameries, and to conduct a survey of the sources of supply and the facilities for storing and shipping butter.	238.89	Do.
White, G. C.	Specialist in transportation of farm products.	Boston, Mass. (Jan. 13-17, 1914)	To investigate the development of trolley freight service supplying the Boston market with foodstuffs produced in the region surrounding Boston, and its relation to the development of that region.	54.33	Do.
Do.	do.	Norfolk, Va.; Wilmington, N. C.; Jacksonville, St. Augustine, Fla. (Jan. 23-Feb. 1, 1914).	To interview shippers, growers, and railroad officials relative to prepayment and guaranty of freight charges on perishable products and the effect of rigid regulations to that end on production and marketing.	92.65	Do.

Do.	Pittsburgh, Pa.; Youngstown, Ohio (May 24-29, 1914).	44.35	Do.
INSECTICIDE AND FUNGICIDE BOARD.			
Balls, A. K.	Assistant chemist.	\$21.95	Enforcement of the insecticide act, 1914.
Custis, H. H.	Laboratory inspector.	69.35	Do.
Do.	do.	16.25	Do.
Do.	do.	20.43	Do.
Do.	do.	20.33	Do.
Fuller, A. V.	do.	16.60	Do.
Do.	do.	22.61	Do.
Do.	do.	19.40	Do.
Do.	do.	9.70	Do.
Do.	do.	11.00	Do.
Do.	do.	10.95	Do.
Do.	do.	51.15	Do.
Gilles, D. C.	Junior laboratory inspector.	5.05	Do.
Do.	do.	10.95	Do.
Do.	do.	9.65	Do.
Haywood, J. K.	Chairman insecticide and fungicide board.	215.31	Do.
Do.	do.	3.35	Do.
Do.	do.	58.30	Enforcement of the food and drugs act, 1914.
Knight, O. D.	Assistant chemist.	3.45	Enforcement of the insecticide act, 1914.
McDonnell, C. C.	Chief insecticide and fungicide laboratory.	21.60	Do.
Do.	do.	35.73	Do.
Do.	do.	21.85	Do.
Do.	do.	21.60	Do.
Do.	do.	21.85	Do.
Do.	do.	66.90	Do.
Do.	do.	18.26	Do.
Do.	do.	56.34	Do.
Do.	do.	51.85	Do.

To investigate the facilities for transporting and distributing perishable farm products, and freight rates.

To appear as witness in insecticide case.
 To confer with expert chemists in connection with the prosecution of insecticide case and appear as witness.
 To appear as witness in insecticide case.
 do.
 do.
 do.
 To inspect manufacture of insecticides and confer with United States attorney.
 To appear as witness in insecticide case.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 To inspect manufacturing plants of insecticides and fungicides in connection with the enforcement of the insecticide act of 1910.
 To transact business in connection with seizure case.
 To attend a meeting of the Association of American Food Manufacturers.
 To confer with United States attorney.
 To appear as witness in insecticide case.
 do.
 do.
 do.
 do.
 do.
 do.
 do.
 To inspect the manufactures of insect powders.
 To obtain information as to the trade terms and methods of manufacture of caustic soda, lye, and potash, etc.
 To appear as witness in insecticide case.

New York, N. Y. (Oct. 28-30, 1913).
 New York, N. Y.; Boston, Mass.; Baltimore, Md. (Mar. 18-25, 1914).
 Baltimore, Md. (Apr. 18-22, 1914).
 Williamsport, Pa. (June 6-8, 1914).
 Indianapolis, Ind. (June 20-23, 1914).
 Trenton, N. J. (Sept. 9-10, 1913).
 Philadelphia, Pa.; Newark, N. J. (Nov. 3-6, 1913).
 Newark, N. J. (Nov. 22-24, 1913).
 Baltimore, Md. (Mar. 10-12, 1914).
 Baltimore, Md. (Mar. 23-25, 1914).
 Baltimore, Md. (Apr. 20-22, 1914).
 Indianapolis, Ind. (May 6-9, 1914).
 Baltimore, Md. (Mar. 11-12, 1914).
 Baltimore, Md. (Mar. 23-25, 1914).
 Baltimore, Md. (Apr. 21-22, 1914).
 Chicago, Ill.; Milwaukee, Wis.; Grand Rapids, Detroit, Mich.; Cleveland, Ohio; Buffalo, N. Y. (July 16-Aug. 5, 1913).
 Baltimore, Md. (Mar. 24, 1914).
 Chicago, Ill. (May 21-24, 1914).
 Baltimore, Md. (June 4, 1914).
 New York, N. Y. (Oct. 28-30, 1913).
 Abingdon, Va. (Oct. 5-8, 1913).
 New York, N. Y. (Oct. 12-14, 1913).
 New York, N. Y. (Oct. 19-21, 1913).
 New York, N. Y. (Oct. 28-30, 1913).
 Indianapolis, Ind. (Nov. 13-18, 1913).
 Baltimore, Md.; New York, N. Y. (Jan. 13-15, 1914).
 Philadelphia, Pa.; Buffalo, Niagara Falls, Syracuse, N. Y. (Apr. 13-20, 1914).
 Indianapolis, Ind. (June 21-24, 1914).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

INSECTICIDE AND FUNGICIDE BOARD—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Morgan, W. J.....	Assistant chemist.....	Abingdon, Va. (Oct. 5-8, 1913).....	To appear as witness in insecticide case.....	\$35.73	Enforcement of the insecticide act, 1914.
Do.....	do.....	Cincinnati, Ohio (Apr. 6-9, 1914).....	do.....	45.85	Do.
Roark, R. C.....	do.....	Baltimore, Md. (Jan. 21, 1914).....	To collect insect powders and inspect the process of manufacture.....	5.35	Do.
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Mar. 16-21, 1914).....	do.....	43.30	Do.
Shibley, J. G.....	Executive officer.....	Baltimore, Md. (Sept. 23, 1913).....	To collect samples of chloro-naphtholeum.....	4.20	Do.
Do.....	do.....	Baltimore, Md. (Oct. 3, 1913).....	To assist in seizure case No. 10.....	2.45	Do.
Do.....	do.....	Baltimore, Md. (Apr. 21, 1914).....	To appear as witness in insecticide case.....	5.20	Do.
Walker, C. H.....	Assistant chemist.....	Jacksonville, Fla. (July 1-3, 1913) (returning only).....	do.....	37.30	Do.
Wallace, Errett.....	Pathologist.....	Williamsport, Pa. (June 6-7, 1914).....	do.....	14.45	Do.

FEDERAL HORTICULTURAL BOARD.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Pratt, O. A.....	Scientific assistant.....	Philadelphia, Pa.; New York, N. Y. (Jan. 16-31, 1914).....	To inspect imported potatoes.....	\$88.56	Enforcement of the plant quarantine act, 1914.
Do.....	do.....	El Paso, Tex.; Nogales, Ariz.; Madera and other points in the State of Chihuahua, Mexico; points in the State of Sonora, Mexico (Feb. 22-Mar. 16, 1914).....	To inspect Mexican potatoes offered for entry at El Paso, and to determine the freedom from disease or insect infestation of many carloads of potatoes grown in the States of Chihuahua and Sonora, Mexico, which it was proposed to export to the United States. To investigate the Mediterranean fruit fly and other injurious insects liable to be introduced into the United States as a basis for such quarantine action as may be necessary under the plant-quarantine act.	367.06	Do.
Quayle, Henry J.....	Collaborator.....	Various points in southern Spain, southern France, Sicily, Italy, and other countries bordering on the Mediterranean (July 17-Oct. 15, 1913).....	To inspect plant introduction gardens and visit various growers of avocados for the purpose of studying the insect enemies of this fruit in connection with proposed avocado-seed quarantine.	507.78	Do.
Sasscer, E. R.....	Chief inspector.....	Miami, Brooksville, and other points in Florida (Aug. 2-16, 1913).....	do.....	158.21	Do.
Do.....	do.....	Baltimore, Md. (Sept. 12, 1913).....	To consult with the collector of customs, appraiser of stores, and fruit dealers in order to obtain all possible information regarding the importation of avocados in connection with proposed avocado-seed quarantine.	2.00	Do.

Do.....	do.....	Philadelphia, Pa.; New York, N. Y.; Boston, Mass. (Sept. 15-18, 1913). Ames, Iowa: points in California (Oct. 7-Nov. 12, 1913).	37.50	Do.
Do.....	do.....		263.95	Do.
Do.....	do.....	New York, N. Y. (Nov. 27-Dec. 2, 1913)...	33.45	Do.
Do.....	do.....	Atlanta, Ga. (Dec. 30, 1913-Jan. 3, 1914)...	53.55	Do.
Do.....	do.....	New York, N. Y. (May 25-28, 1914).....	22.85	Do.
Do.....	do.....	New York, N. Y. (June 16-20, 1914).....	32.05	Do.
Schultz, E. S. Shaw, Harry B.	Pathological inspector. do.....	Houlton, Me. (Feb. 28, 1914). New York City and other points in New York; points in New Jersey (12 trips, Jan. 26-Apr. 16, 1914). Lyndonville, Vt.; Hartford, Conn. (July 23-30, 1913).	30.00 365.04	Do. Do.
Spaulding, Perley	do.....	Miami, Brooksville, and other points in Florida (Aug. 2-16, 1913).	42.31	Do.
Do.....	do.....	Points in New York, Vermont, Massachusetts, and Connecticut (Aug. 31-Sept. 29, 1913). Madison, Wis.; Ames, Iowa; Missoula, Mont.; Medford, Oreg.; points in California; Tucson, Ariz. (Oct. 7-30, 1913).	155.03	Do.
Do.....	do.....		104.08	Do.
Do.....	do.....	Philadelphia, Pa.; points in Massachusetts (Nov. 1-11, 1913).	310.22	Do.
Do.....	do.....		47.02	Do.

To make an entomological inspection of seed and plant introduction gardens, consult with various entomologists and collaborators of this department relative to the inspection of imported nursery stock and visit various growers of avocados for the purpose of studying the insect enemies of this fruit.

To investigate shipments of nursery stock and consult with customs officials and others concerned relative to the enforcement of the plant-quarantine act.

To attend meetings of the Association of Horticultural Inspectors in an endeavor to secure the fullest cooperation of these inspectors in the enforcement of the plant-quarantine act.

To consult with customs officials and our local inspectors at the port of New York and assist in the inspection of imported nursery stock.

To consult with customs officials and our local inspectors at that port and inspect fruit likely to bring in the Mediterranean fruit fly, to determine whether quarantine action is necessary to keep out the insect.

To travel to permanent station.

To inspect imported potatoes.

To inspect native pines which were attacked for the first time by white-pine blister rust and inspect inoculations of the white-pine blister rust.

To inspect plant introduction gardens and to visit various growers of avocados for the purpose of studying the diseases of this fruit. To ascertain the status of the white-pine blister rust in those States.

To make a pathological inspection of seed and plant introduction gardens, and to consult with various pathologists and collaborators of this department relative to the inspection of imported nursery stock.

To investigate the new rhododendron disease and the white-pine blister rust.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington, etc.—Continued.

FEDERAL HORTICULTURAL BOARD—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Spaulding, Perley.....	Pathological inspector.	Atlanta, Ga. (Dec. 30, 1913-Jan. 2, 1914)...	To attend meetings of the Association of Horticultural Inspectors and Phytopathologists in an endeavor to secure the fullest cooperation of these inspectors in the enforcement of the plant-quarantine act.	\$52. 10	Enforcement of the plant quarantine act, 1914.
Do.....	do.....	Points in New York, Massachusetts, Vermont, New Hampshire, Rhode Island, and Connecticut (May 18-June 13, 1914). Points in Germany, Norway, Sweden, Denmark, Holland, Belgium, France, Italy, Austria, England, Wales, Scotland, and Ireland (Dec. 1, 1913-Apr. 15, 1914).	To investigate the white-pine blister rust situation.	111. 29	Do.
Wollenweber, H. W....	Pathologist.....		To investigate the occurrence and distribution of potato wart, powdery scab, and other potato diseases liable to be introduced into the United States, as a basis for such quarantine action as may be necessary under the plant-quarantine act.	621. 32	Do.

RECAPITULATION BY APPROPRIATIONS.

General expenses, Weather Bureau, 1914:	
Traveling expenses.....	\$1,885.66
General expenses, Bureau of Animal Industry, 1914:	
Inspection and quarantine.....	3,462.17
Demonstrating method of preventing and eradicating hog cholera.....	360.74
Eradicating cattle ticks.....	1,313.82
Dairy industry.....	11,299.62
Animal husbandry.....	2,375.26
Diseases of animals.....	1,121.61
Control of viruses, serums, and toxins.....	1,641.51
Administrative expenses.....	21.90
Feeding and breeding ostriches.....	511.51
Cooperative experiments in animal feeding and breeding, 1914.....	4,284.99
Investigation, etc., of hog cholera and dourine.....	432.12
Meat inspection, 1914.....	6,143.77
General expenses, Bureau of Plant Industry, 1914:	
Pathological laboratory.....	123.82
Fruit diseases.....	82.20
Cotton and truck diseases.....	738.74
Crop physiology.....	345.85
Bacteriology and nutrition.....	222.64
Crop acclimatization.....	2,250.53
Drug and other plants.....	738.60
Crop technology.....	140.30
Cotton standardization.....	590.01
Cotton testing.....	682.70
Grain standardization.....	290.72
Biophysical investigations.....	99.98
Seed-testing laboratories.....	1,235.05
Cereal investigations.....	1,401.81
Corn improvements.....	1,194.72
Tobacco investigations.....	279.83
Forage crop investigations.....	1,552.48
Paper plant investigations.....	194.40
Sugar plant investigations.....	552.06
Economic and systematic botany.....	581.87
Farm management.....	3,983.98
Dry land agriculture.....	924.68
Western irrigation agriculture.....	352.87
Pomological investigations.....	1,388.54
Horticultural investigations.....	1,206.44
Foreign seed and plant introduction.....	1,961.94
Administrative and miscellaneous.....	354.26
Purchase and distribution of valuable seeds, 1914:	
Congressional seed distribution.....	766.31
Drought resistant seeds.....	310.34
Investigating the chestnut tree bark disease, 1914.....	239.77
General expenses, Forest Service, 1914:	
Forest products.....	2,633.25
National Forest range investigations.....	739.40
Management of forests.....	6,705.39
Market and miscellaneous investigations.....	1,726.33
General administration.....	12,105.79
Cooperative work, forest investigations.....	380.90
Acquisition of lands for protection of watersheds of navigable streams.....	2,509.60
Cooperative fire protection of forested watersheds of navigable streams.....	1,009.43
Forest Products Expositions, Chicago, Ill., and New York, N. Y.....	564.10
General expenses, Bureau of Chemistry, 1914:	
Agricultural investigations.....	4,849.49
Miscellaneous investigations.....	291.75
Enforcement of the food and drugs act, 1914.....	15,729.90
General expenses, Bureau of Soils, 1914:	
Physical investigations.....	1.90
Soil fertility investigations.....	159.59
Investigations of fertilizer resources.....	1,206.76
General expenses, Bureau of Entomology, 1914:	
Deciduous fruit insects.....	709.89
Cereal and forage insects.....	493.92
Range caterpillars.....	130.55
Southern field crop insects.....	1,773.07
Forest insects.....	109.01
Truck crop and stored product insects.....	480.55
Bee culture.....	682.59
Tropical and subtropical fruit insects.....	353.77
Miscellaneous insects.....	140.48
Preventing spread of moths, Bureau of Entomology, 1914.....	102.60
General expenses, Bureau of Biological Survey, 1914:	
Game preservation.....	2,388.02
Food habits of birds and mammals.....	2,363.73
Exterminating ground squirrels on national forests.....	885.54
Biological investigations.....	2,916.93
Administrative expenses.....	373.50
Protection of migratory birds.....	54.66
General expenses, Bureau of Statistics, 1914:	
Special investigations.....	534.08
General expenses, Division of Publications, 1914:	
Miscellaneous expenses.....	96.06

140 EXPENDITURES FOR TRAVEL, DEPARTMENT OF AGRICULTURE.

Contingent expenses, Department of Agriculture, 1914.....	\$186.57
Agricultural experiment stations, 1914:	
Miscellaneous expenses.....	2,391.65
Farmers' institutes.....	2,903.26
Nutrition investigations, 1914.....	320.17
Irrigation investigations, 1914.....	2,391.69
Drainage investigations, 1914.....	2,201.03
General expenses, Office of Public Roads, 1914:	
Road management.....	6,339.35
Investigating road building and maintenance.....	19,004.58
Road material.....	1,395.38
Field experiments.....	820.77
Administrative expenses.....	130.70
Improving roads for rural delivery service.....	216.67
Marketing and distributing farm products:	
1913-14.....	1,168.68
1914.....	5,399.50
Enforcement of the insecticide act, 1914.....	1,253.41
Enforcement of the plant quarantine act, 1914.....	4,163.27
International Dry Land Congress at Tulsa, Okla., 1913-14.....	2,631.63
Total.....	177,767.42



